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Saturday, June 4

8:00 AM - 11:00 AM | Hall A

Gastrointestinal Cancer—Colorectal and Anal

Abstracts on Boards 303-314 will be discussed during the Gastrointestinal Cancer—Colorectal and Anal Poster Discussion Session.

Posters by Topic

Anal Cancer: Boards 311, 315-316

Biologic Correlates: Boards 317-319

Biomarkers/Epidemiology/Outcomes: Boards 320-344

Colorectal Cancer—Advanced Disease: Boards 303-304, 309, 312, 314, 345-396

Colorectal Cancer—Neoadjuvant/Adjuvant: Boards 305-307, 313, 397-407

Colorectal Cancer—Local-Regional: Boards 308, 310, 408-416

Other: Boards 417-422

Trials in Progress: Boards 423a-431b

Board 303	ABSTRACT 3509: Phase II study of nivolumab in combination with FOLFOXIRI/bevacizumab as first-line treatment in patients with advanced colorectal cancer RAS/BRAF mutated (mut): NIVACOR trial (GOIRC-03-2018). First Author: Angela Damato, MD
Board 304	ABSTRACT 3510: Nivolumab (NIVO) ± ipilimumab (IPI) in patients (pts) with microsatellite instability-high/mismatch repair-deficient (MSI-H/dMMR) metastatic colorectal cancer (mCRC): Five-year follow-up from CheckMate 142. First Author: Michael J. Overman, MD
Board 305	ABSTRACT 3511: Neoadjuvant nivolumab, ipilimumab, and celecoxib in MMR-proficient and MMR-deficient colon cancers: Final clinical analysis of the NICHE study. First Author: Yara L. Verschoor, MD
Board 306	ABSTRACT 3512: Contact x-ray brachytherapy (Papillon) in addition to chemoradiotherapy to improve organ preservation in early cT2-T3 rectal adenocarcinoma: The 3-year results of OPERA randomized trial (NCT02505750). First Author: Jean-Pierre Gerard, MD
Board 307	ABSTRACT LBA3513: A phase II study of capecitabine plus concomitant radiation therapy followed by durvalumab (MEDI4736) as preoperative treatment in rectal cancer: PANDORA study final results. First Author: Stefano Tamberi, MD, PhD
Board 308	ABSTRACT LBA3514: Curative chemoradiation for low rectal cancer: Primary clinical outcomes from a multicenter phase II trial. First Author: Lars Henrik Jensen, MD, PhD
Board 309	ABSTRACT 3515: Primary surgery followed by selective radiochemotherapy versus conventional preoperative radiochemotherapy for patients with locally advanced rectal cancer with MRI-negative circumferential margin (PSSR): A multicenter, randomized, open-label, noninferiority, phase 3 trial. First Author: Ke-Feng Ding, MD, PhD

Board 310	ABSTRACT 3516: Short-term outcomes of laparoscopy-assisted versus open surgery for low rectal cancer (LASRE): A multicenter, randomized, controlled trial. First Author: Pan Chi, MD
Board 311	ABSTRACT 3517: International validation of the Immunoscore-biopsy (ISB) to guide selection and monitoring of patients treated with watch-and-wait (WW) strategy for rectal cancer. First Author: Franck Pages, MD, PhD
Board 312	ABSTRACT 3518: Plasma RAS dynamics and anti-EGFR rechallenge efficacy in patients with RAS/BRAF wild-type metastatic colorectal cancer: REMARRY and PURSUIT trials. First Author: Yoshinori Kagawa, MD, PhD
Board 313	ABSTRACT 3519: Randomized study to investigate a switch maintenance concept with 5-FU plus bevacizumab after FOLFIRI plus cetuximab induction treatment versus continued treatment with FOLFIRI plus cetuximab: Report of a secondary endpoint of the phase-III FIRE-4 study (AIO KRK-0114). First Author: Sebastian Stintzing, MD
Board 314	ABSTRACT 3520: Phase 2 study of anti-EGFR rechallenge therapy with panitumumab with or without trametinib in advanced colorectal cancer. First Author: Christine Megerdichian Parseghian, MD
Board 315	ABSTRACT 3521: Pembrolizumab (pembro) plus mFOLFOX7 or FOLFIRI for metastatic colorectal cancer (CRC) in KEYNOTE-651: Long-term follow-up of cohorts B and D. First Author: Richard D. Kim, MD
Board 316	ABSTRACT 3522: Mucinous adenocarcinoma of the anal canal: Clinical characteristics and outcomes of 767 patients from National Cancer Database. First Author: Sam Melamed
Board 317	ABSTRACT 3523: DEFB1 gene expression and the molecular landscape of colorectal cancer (CRC). First Author: Jae Ho Lo, BA
Board 318	ABSTRACT 3524: Prognostic role of systemic inflammatory markers in patients with metastatic MSI-h/dMMR colorectal cancer receiving immunotherapy. First Author: Deepak Bhamidipati
Board 319	ABSTRACT 3525: Effect of primary tumor sidedness on the association of tumor-infiltrating lymphocytes with survival of patients with stage III colon cancer (NCCTG N0147) [alliance]. First Author: Bahar Saberzadeh Ardestani, MD, MPH
Board 320	ABSTRACT 3526: Estimating the impact of reducing the age of colorectal cancer screening on cancer incidence, mortality, and costs in Canada using OncoSim. First Author: Anastasia Kalyta
Board 321	ABSTRACT 3527: Race, age, and sex differences on the influence of obesity on colorectal cancer (CRC) sidedness and mortality: A national cross-sectional study. First Author: Mark Bilinyi Ulanja, MD, MPH

- Board 322 ABSTRACT 3528: Clinical impact of DNA methylation status on first-line antiepidermal growth factor receptor treatment in patients with metastatic colorectal cancer.
First Author: Hiroki Osumi, MD
- Board 323 ABSTRACT 3529: A secondary data analysis of colorectal cancer screening among males assigned at birth: Differences by sexual orientation and race/ethnicity.
First Author: Hui Xie, PhD
- Board 324 ABSTRACT 3530: Analysis of plasma angiogenesis factors on the efficacy of first-line (1L) chemotherapy (chemo) combined with biologics in RAS wild-type metastatic colorectal cancer (mCRC): Results from GI-SCREEN CRC Ukit study.
First Author: Satoshi Yuki, MD, PhD
- Board 325 ABSTRACT 3531: Microbial translocation, toll-like and vitamin D receptor polymorphisms in blood and risk of recurrence in stage III colorectal cancer.
First Author: Ippokratis Messaritakis, PhD, MSc
- Board 326 ABSTRACT 3532: Metagenomic analysis of the fecal microbiome in patients with colorectal cancer compared to healthy controls as a function of age.
First Author: Jordan Kharofa, MD
- Board 327 ABSTRACT 3533: Clinical and genomic distinction of class 1/2/3 BRAF-mutant colorectal cancer and differential prognosis.
First Author: Yungchang Chen
- Board 328 ABSTRACT 3534: Clinical outcomes of immune checkpoint inhibitor (ICI) therapy among Veterans Affairs patients with colorectal cancer and discordant dMMR/MSI-H status.
First Author: James Isaacs, MD
- Board 329 ABSTRACT 3535: Molecular characteristics of advanced colorectal cancer and multi-hit PIK3CA mutations.
First Author: Michael Cecchini, MD
- Board 330 ABSTRACT 3536: Negative hyperselection for mutations associated with anti-EGFR antibody resistance in RAS wildtype metastatic colorectal cancer (mCRC): Evaluation of the PANAMA trial (AIO-KRK-0212, maintenance therapy with 5-FU, folinic acid (FU/FA) with or without panitumumab).
First Author: Andreas Jay Kind
- Board 331 ABSTRACT 3537: Consensus molecular subtypes (CMS) as prognostic and predictive biomarkers of panitumumab (Pmab), fluorouracil and folinic acid (FU/FA) or FU/FA maintenance therapy following Pmab-FOLFOX induction in RAS wildtype metastatic colorectal cancer (mCRC): PANAMA trial (AIO-KRK-0212).
First Author: Beeke Hoppe
- Board 332 ABSTRACT 3538: Comprehensive characterization of PTPRT expression in colorectal cancer (CRC).
First Author: Francesca Battaglin, MD
- Board 333 ABSTRACT 3539: Discovering colorectal cancer biomarkers with individual fragments analysis of cell-free DNA using attention-based deep multi-instance learning.
First Author: Eunsaeem Lee
- Board 334 ABSTRACT 3540: The clinical relevance of tumor RAS/TP53 dual mutation in early and metastatic colorectal cancer (CRC).
First Author: Jenny F. Seligmann, MBChB, MRCP, PhD
- Board 335 ABSTRACT 3541: Cell-free DNA (cfDNA) fragmentomes predict tumor burden in metastatic colorectal cancer (mCRC).
First Author: Alessandro Leal, MD, PhD
- Board 336 ABSTRACT 3542: Development of a highly sensitive multicancer, targeted, cell-free DNA epigenomic assay for integrated screening of lung and colorectal cancer.
First Author: Anton Valouev
- Board 337 ABSTRACT 3543: A tumor immune microenvironment-related lncRNA signature for the prognosis and immunotherapeutic sensitivity prediction in colorectal cancer.
First Author: Chuling Hu
- Board 338 ABSTRACT 3544: Survival outcomes following colorectal cancer surgery in low- and middle-income countries: A systematic review.
First Author: Tom M. Diehl, MD
- Board 339 ABSTRACT 3545: Trends in ethnic-specific colorectal cancer mortality in patients with and without diabetes in the United States: A CDC database population-based study 2011-2019.
First Author: Abdul Rahman Al Armashi, MD
- Board 340 ABSTRACT 3546: CXCR4 overexpression: An indicator of poor survival and predictor of response to immunotherapy in patients with metastatic colorectal cancer.
First Author: Sepideh Gholami, MD
- Board 341 ABSTRACT 3547: Characterization of TIM3 and its ligands in colorectal cancer.
First Author: Sandra Algaze, MD
- Board 342 ABSTRACT 3548: Association between environmental quality index and young onset colorectal cancer.
First Author: Suleyman Yasin Goksu, MD
- Board 343 ABSTRACT 3549: Dietary quality in early-onset gastrointestinal malignancies: NHANES 2005-2018.
First Author: Mir Lim, MD
- Board 344 ABSTRACT 3550: Early detection of colorectal adenocarcinoma by decoding epigenetic and DNA fragmentation fingerprints of plasma cell-free DNA.
First Author: Li Suxing
- Board 345 ABSTRACT 3551: Impact of consensus molecular subtyping (CMS) on survival in the CO.26 trial of durvalumab plus tremelimumab versus best supportive care (BSC) in metastatic colorectal cancer (mCRC).
First Author: Jonathan M. Loree, MD, MS
- Board 346 ABSTRACT 3552: Real-world outcomes of biosimilar bevacizumab-awwb versus reference bevacizumab in patients with metastatic colorectal cancer.
First Author: Catherine Pham, PharmD
- Board 347 ABSTRACT 3553: Gene expression of vitamin D (VitD) pathway markers and survival in patients (Pts) with metastatic colorectal cancer (mCRC): CALGB/SWOG 80405 (Alliance).
First Author: Christine G. Kohn, MD, PharmD
- Board 348 ABSTRACT 3554: Resistance mechanisms to anti-EGFR therapy in RAS/RAF wildtype colorectal cancer varies by regimen and line of therapy.
First Author: Christine Megerdichian Parseghian, MD
- Board 349 ABSTRACT 3555: Aflibercept-LV5FU2 as first-line treatment of non-resectable metastatic colorectal cancers: Results of the FOLFA randomized phase II trial.
First Author: Jean-Louis Legoux, MD
- Board 350 ABSTRACT 3556: Has the COVID-19 pandemic lead to an upshift in emergency presentation and stage migration of colorectal cancer in Uruguay?
First Author: Santiago Fontes, MD, MSc
- Board 351 ABSTRACT 3557: Bcl-xL and association with apoptosis following KRASG12C inhibition in KRASG12C mutant colorectal cancer.
First Author: Hajrah Khawaja, PhD, MSc
- Board 352 ABSTRACT 3558: Patient-reported outcomes from the GARNET trial in patients with advanced or recurrent mismatch repair deficient (dMMR) colorectal cancer (CRC): A post hoc subgroup analysis.
First Author: Jennifer Hanlon, MPH
- Board 353 ABSTRACT 3559: Alternative biweekly dosing schedule of trifluridine-tipiracil (TAS-102) reduces rates of myelosuppression while maintaining therapeutic efficacy in patients (pts) with previously treated metastatic colorectal cancer (mCRC).
First Author: Christopher G. Cann, MD
- Board 354 ABSTRACT 3560: Impact of circulating tumor DNA (ctDNA) mutant allele fraction in response to anti-angiogenic therapy in RAS-mutant metastatic colorectal cancer (mCRC): Clinical data in the first-line setting and correlation in patient-derived xenograft (PDX) models.
First Author: Nadia Saoudi Gonzalez, MD
- Board 355 ABSTRACT 3561: Regorafenib (REGO) plus FOLFIRINOX as frontline treatment in patients (pts) with RAS-mutated metastatic colorectal cancer (mCRC): A phase I/II, dose-escalation and dose-expansion study.
First Author: Antoine Adenis, MD, PhD
- Board 356 ABSTRACT 3562: Molecular characterization and subsequent treatments after encorafenib-cetuximab +/- binimetinib in BRAF V600E-mutated colorectal cancer.
First Author: Javier Ros Montañá, MD
- Board 357 ABSTRACT 3563: A phase 2 trial of sintilimab (IBI 308) in combination with CAPEOX and bevacizumab (BBCAPX) as first-line treatment in patients with RAS-mutant, microsatellite stable, unresectable metastatic colorectal cancer.
First Author: Xuefeng Fang
- Board 358 ABSTRACT 3564: NSABP FC-11: A phase II study of neratinib (N) plus trastuzumab (T) or N plus cetuximab (C) in patients (pts) with "quadruple wild-type" metastatic colorectal cancer (mCRC) based on HER2 status.
First Author: Samuel A. Jacobs, MD
- Board 359 ABSTRACT 3565: Phase II study of pembrolizumab plus capecitabine and bevacizumab in microsatellite stable (MSS) metastatic colorectal cancer (mCRC).
First Author: Andrea Grace Bocobo, BS

- Board 360 ABSTRACT 3566: Efficacy and safety of tislelizumab plus cetuximab and irinotecan in patients with previously treated RAS wild-type advanced colorectal cancer: Preliminary findings of a phase II, single-arm study.
First Author: Xiaojing Xu
- Board 361 ABSTRACT 3567: Impact of age and gender on the efficacy and safety of panitumumab plus fluorouracil and folinic acid versus fluorouracil and folinic acid alone as maintenance therapy in RAS WT metastatic colorectal cancer (mCRC): Subgroup analysis of the PANAMA-study (AIO-KRK-0212).
First Author: Kathrin Heinrich, MD
- Board 362 ABSTRACT 3568: Trifluridine/tipiracil plus bevacizumab (FTD/TPI + BEV) and trifluridine/tipiracil (FTD/TPI) monotherapy in metastatic colorectal cancer (mCRC): Results of a meta-analysis.
First Author: Takayuki Yoshino, MD, PhD
- Board 363 ABSTRACT 3569: NSABP FC-10: A phase Ib study of pembrolizumab (pembro) in combination with pemetrexed (pem) and oxaliplatin (oxali) in patients with chemo-refractory metastatic colorectal cancer (mCRC).
First Author: John C. Krauss, MD
- Board 364 ABSTRACT 3570: Optimal cytoreductive LIVER surgery for unresectable colorectal liver metastases: A prospective observational study.
First Author: Rene Adam, MD, PhD
- Board 365 ABSTRACT 3571: Identification of an optimal circulating tumor DNA (ctDNA) shedding threshold to detect actionable driver mutations in colorectal and pancreatic adenocarcinoma.
First Author: Bennett Adam Caughey, MD
- Board 366 ABSTRACT 3572: Response to epithelial growth factor receptor inhibitor (EGFRI) treatment in patients with early-onset, treatment-naïve metastatic colorectal cancer (mCRC): An ARCAD database analysis.
First Author: Zhaohui Jin, MD
- Board 367 ABSTRACT 3573: Pembrolizumab (pembro) plus binimetinib (bini) with or without chemotherapy (chemo) for metastatic colorectal cancer (mCRC): Results from KEYNOTE-651 cohorts A, C, and E.
First Author: Eric Xueyu Chen, MD, PhD
- Board 368 ABSTRACT 3574: CPGJ602 plus mFOLFOX6 as first-line treatment for patients with KRAS/NRAS/BRAF wild-type metastatic colorectal cancer: A randomized phase II study.
First Author: Jianming Xu, MD
- Board 369 ABSTRACT 3575: Post-treatment detection of circulating methylated BCAT1 and IKZF1 as prognostic indicators for recurrence in patients with colorectal cancer.
First Author: Graeme P. Young, MD, MBBS, FRACP
- Board 370 ABSTRACT 3576: BRAF-mutant metastatic colorectal cancer: Prognostic and predictive value of primary tumor location—A pooled analysis of the AIO studies FIRE-1, CIOX, XELAVIRI, FIRE-3, and VOLFI.
First Author: Annabel Helga Sophie Alig, MD
- Board 371 ABSTRACT 3577: Camrelizumab plus famitinib in patients with metastatic colorectal cancer: Results from an open-label, multicenter phase II basket study.
First Author: Tianshu Liu, MD
- Board 372 ABSTRACT 3578: First-line (L1) therapy targeting EGFR in lung metastases (mets) of colorectal cancer (mCRC): An ARCAD pooled analysis.
First Author: Einat Shacham Shmueli, MD
- Board 373 ABSTRACT 3579: Phase 1b study of RGX-202-01, a first-in-class oral inhibitor of the SLC6A8/CKB pathway, in combination with FOLFIRI and bevacizumab (BEV) in second-line advanced colorectal cancer (CRC).
First Author: Andrew Eugene Hendifar, MD
- Board 374 ABSTRACT 3580: Predictive value of MAOB gene expression for targeted therapy in patients (pts) with metastatic colorectal cancer (mCRC) enrolled in CALGB (Alliance)/SWOG 80405.
First Author: Wu Zhang, MD
- Board 375 ABSTRACT 3581: An immune-related gene expression profile to predict the efficacy of adding atezolizumab to first-line FOLFOXIRI plus bevacizumab in metastatic colorectal cancer: A translational analysis of the phase II randomized AtezoTRIBE study.
First Author: Alessandra Boccaccino, MD
- Board 376 ABSTRACT 3582: A phase 1 dose-escalation study of GCC19 CART a novel coupled CAR therapy for subjects with metastatic colorectal cancer.
First Author: Jiuwei Cui
- Board 377 ABSTRACT 3583: FORECAST-1: Feasibility of organoid response assessment to define effective treatments for patients with colorectal cancer after failure of standard therapy.
First Author: Margaret Lee, MD, FRACP
- Board 378 ABSTRACT 3584: Real-world experience on the efficacy and tolerability of biweekly trifluridine/tipiracil with or without bevacizumab in metastatic colorectal cancer.
First Author: Choon Seong Ang, MBChB, MRCP
- Board 379 ABSTRACT 3585: Clinical outcomes following termination of immunotherapy due to long-term benefit in MSI-H colorectal cancer.
First Author: Kristen Simmons, MD
- Board 380 ABSTRACT 3586: Predictive value of CDC37 gene expression for targeted therapy in metastatic colorectal cancer (mCRC).
First Author: Hiroyuki Arai, MD, PhD
- Board 381 ABSTRACT 3587: Predictive and prognostic value of carcinoembryonic antigen (CEA) on maintenance therapy with 5-fluoruracil/leucovorin plus panitumumab or 5-fluoruracil/leucovorin alone in RAS wildtype metastatic colorectal cancer: Evaluation of the phase II PanaMa trial (AIO KRK 0212).
First Author: Annika Kurreck
- Board 382 ABSTRACT 3588: HER3 expression in metastatic colorectal cancer: Defining the clinicomolecular profile of an emerging target.
First Author: Alisha Heather Bent, MD
- Board 383 ABSTRACT 3589: The prognostic significance of TP53 mutations in patients with right-sided and left-sided colorectal cancer.
First Author: Moh'd M. Khushman, MD
- Board 384 ABSTRACT 3590: Co-occurring alterations across molecular pathways in metastatic colorectal cancer (mCRC).
First Author: Alex John Liu, MD
- Board 385 ABSTRACT 3591: Preliminary results of raltitrexed in Chinese patients with metastatic colorectal cancer: A prospective, multicenter, real-world study.
First Author: Jin Li, MD
- Board 386 ABSTRACT 3592: RAS co-mutation and early onset disease represent an aggressive phenotype of atypical (non-V600) BRAF mutant metastatic colorectal cancer.
First Author: Benny Johnson, DO
- Board 387 ABSTRACT 3593: Codon-specific KRAS mutations predict overall survival benefit of trifluridine/tipiracil in metastatic colorectal cancer.
First Author: Joris van de Haar, MD, PhD
- Board 388 ABSTRACT 3594: Biweekly mXELIRI versus FOLFIRI in combination with bevacizumab as the first-line treatment for metastatic colorectal cancer (EXIST): A multicenter, randomized, open-label, phase 2 study.
First Author: Zhichao Jiang, MD
- Board 389 ABSTRACT 3595: Interim analysis of the phase II AVETUXIRI trial: Avelumab combined with cetuximab and irinotecan for treatment of refractory microsatellite stable (MSS) metastatic colorectal cancer (mCRC).
First Author: Nicolas Huyghe
- Board 390 ABSTRACT 3596: Homogeneity of pathological response (PR) and histopathological growth pattern (HGP) in resected colorectal liver metastases (CRLM) are associated with favorable survival outcome after surgery.
First Author: Pamela Baldin
- Board 391 ABSTRACT 3597: Metastasis patterns and racial disparities in gastrointestinal cancers: A SEER database population study 2010–2018.
First Author: Abdul Rahman Al Armashi, MD
- Board 392 ABSTRACT 3598: Phase I/II trial of encorafenib, cetuximab, and nivolumab in patients with microsatellite stable (MSS), BRAFV600E metastatic colorectal cancer.
First Author: Van K. Morris II, MD
- Board 393 ABSTRACT 3599: First experience with 224Radium-labelled microparticles (radspherin) after CRS-HIPEC for peritoneal metastasis in colorectal cancer (a phase 1 study).
First Author: Stein G. Larsen
- Board 394 ABSTRACT 3600: Effects of liver metastases on efficacy of immune checkpoint blockade in treatment refractory, metastatic colorectal cancer (CRC): CCTG CO.26.
First Author: Eric Xueyu Chen, MD, PhD
- Board 395 ABSTRACT 3601: Using cell-free circulating tumor DNA (cfDNA) to identify guideline-relevant biomarkers for therapy selection in 14,000 patients (pts) with metastatic colorectal cancer (mCRC).
First Author: Pashtoon Murtaza Kasi, MD, MSc
- Board 396 ABSTRACT 3602: Effectiveness of nationwide insurance coverage for next-generation sequencing in advanced colorectal cancer: A real-world data study.
First Author: Sun-Kyeong Park

- Board 397 ABSTRACT 3603: Phase 1b/ 2 study of a radio-enhancer, PEP503 (NBTXR3), in combination with concurrent chemo-radiation in locally advanced or unresectable rectal cancer.
First Author: Ching-Wen Huang, MD, PhD
- Board 398 ABSTRACT 3604: Effect of more versus less frequent abdominopelvic computed tomography follow-up testing on overall survival in patients with stage II or III colon cancer.
First Author: Jeon Jeongseok, BA
- Board 399 ABSTRACT 3605: Preoperative chemoradiotherapy with capecitabine with or without temozolomide in patients with locally advanced rectal cancer: A prospective, randomized phase 2 study stratified by MGMT (O6-methylguanine DNA methyltransferase) status: KCSG-CO17-02.
First Author: Chung Ryul Oh
- Board 400 ABSTRACT 3606: Using T stage to predict outcomes of adjuvant oxaliplatin (OX)-based chemotherapy (CT) in stage III colon cancer (CC): An ACCENT pooled analysis.
First Author: Romain Cohen, MD, PhD
- Board 401 ABSTRACT 3607: Testing of a machine learning (ML) model for ability to predict oxaliplatin and bevacizumab (bev) benefit in NRG Oncology/ NSABP C-07 and C-08.
First Author: Xinghua Lu, MD, PhD (c)
- Board 402 ABSTRACT 3608: Computerized features of tumor diversity on pre-chemoradiation MRI are associated with pathologic complete response in rectal cancers: A multi-institutional study.
First Author: Sneha Singh
- Board 403 ABSTRACT 3609: PKUCH 04 trial: Total neoadjuvant chemoradiation combined with neoadjuvant PD-1 blockade for pMMR/MSS locally advanced middle to low rectal cancer.
First Author: Aiwen Wu, MD, PhD
- Board 404 ABSTRACT 3610: Effect of adjuvant chemotherapy in patients with stage III colon cancer based on the Multi-Institutional Registry of Large Bowel Cancer in Japan.
First Author: Yasuhide Yamada, MD, DMSc, FACP
- Board 405 ABSTRACT 3611: Total neoadjuvant chemoradiation combined with neoadjuvant PD-1 blockade for patients with pMMR, high-risk, and locally advanced middle to low rectal cancer.
First Author: Aiwen Wu, MD, PhD
- Board 406 ABSTRACT 3612: Phase II, multicenter, open-label, non-randomized study of neoadjuvant chemotherapy NALIRINOX (5-FU/LV + oxaliplatin + nal-IRI) followed by chemoradiotherapy in patients with rectal cancer in a watch-and-wait program.
First Author: Cesar Gregorio Muñoz, MD
- Board 407 ABSTRACT 3613: Functional impact of somatic mutations in early-onset (EO) versus average onset (AO) microsatellite stable (MSS) stage III colorectal cancer (CRC).
First Author: Emily Harrold
- Board 408 ABSTRACT 3614: Adiposity in resectable colorectal cancer.
First Author: Jessica Hopkins, MD, MSc, FRCS
- Board 409 ABSTRACT 3615: Trend of sphincter-preserving surgeries for resectable low rectal cancer: A 20-year experience in China.
First Author: Qingqing Hu
- Board 410 ABSTRACT 3616: Label-free and automated approach to rapidly classify microsatellite instability (MSI) in early colon cancer (CC) analyzing the AIO ColoPredictPlus 2.0 (CPP) registry trial.
First Author: Stephanie Schörner, MSc
- Board 411 ABSTRACT 3617: A phase II trial of TGF β type I receptor inhibitor, galunisertib, plus neoadjuvant chemoradiation in patients with locally advanced rectal cancer.
First Author: Kristina Hoot Young, MD, PhD
- Board 412 ABSTRACT 3619: Clinical and radiological predictors of organ preservation in patients with rectal cancer treated with total neoadjuvant therapy.
First Author: Jonathan B. Yuval, MD
- Board 413 ABSTRACT 3620: Genetic ancestry differences in tumor mutation in early and average-onset colorectal cancer.
First Author: Brooke Rhead
- Board 414 ABSTRACT 3621: The impact of African ancestry on colorectal cancer disparity.
First Author: Yoo Jin Joung
- Board 415 ABSTRACT 3622: Radical versus local surgical excision for early rectal cancer: A systematic review and meta-analysis.
First Author: Sarah El-Nakeep, MD
- Board 416 ABSTRACT 3623: Circulating tumor DNA (ctDNA) as a minimal residual disease (MRD) assessment and recurrence risk in patients undergoing curative intent resection with or without adjuvant chemotherapy in colorectal cancer: A systematic review and meta-analysis.
First Author: Anusha Chidharla, MD
- Board 417 ABSTRACT 3624: Total cost of care differences in National Comprehensive Cancer Center (NCCN) concordant and non-concordant patients with colon cancer.
First Author: Ujwal Sapkota, MSc
- Board 418 ABSTRACT 3625: The differential response to immune checkpoint inhibitors in colorectal and endometrial cancer patients according to different mismatch repair alterations.
First Author: Moh'd M. Khushman, MD
- Board 419 ABSTRACT 3626: Impact of the COVID-19 pandemic on colorectal cancer (CRC) care: Data from 22 German cancer centers (CC) and the Institute of Pathology, Ruhr-University Bochum - the AIO (Working Group for Internal Oncology of the German Cancer Society) CancerCOVID Consortium - AIO-YMO/KRK 520/ass.
First Author: Celine Lugnier, MD
- Board 420 ABSTRACT 3627: Validation of a multi-modal blood-based test for the detection of colorectal cancer with sub single molecule sensitivity.
First Author: Kevin D'Auria
- Board 421 ABSTRACT 3628: Disproportionate morbidity and mortality in African American and Asian patients from colorectal cancer: A nationwide analysis.
First Author: Jorge Franco, MD
- Board 422 ABSTRACT 3629: Outcomes of appendiceal cancer treated at a state peritonectomy service.
First Author: Madeleine Cornelia Strach, MBBS, MPH, FRACP
- Board 423a ABSTRACT TPS3630: CoRInTH: A phase Ib/II trial of checkpoint inhibitor, pembrolizumab (PD-1 antibody [Ab]) plus standard intensity modulated chemoradiotherapy (IMCRT) in HPV-induced stage III squamous cell carcinoma (SCC) of the anus.
First Author: Marcia Hall, MBBS, PhD
- Board 423b ABSTRACT TPS3631: Five- or 10-year colonoscopy for 1-2 non-advanced adenomatous polyps (FORTE) NRG-CC005 study: A randomized phase III non-inferiority trial comparing colorectal cancer incidence in participants with 1-2 non-advanced adenomas randomized to a 5- and 10-year surveillance colonoscopy exam schedule versus a 10-year surveillance colonoscopy exam schedule.
First Author: Robert E. Schoen
- Board 424a ABSTRACT TPS3632: NSAB C-14: CORRECT-MRD II—Second colorectal cancer clinical validation study to predict recurrence using a circulating tumor DNA assay to detect minimal residual disease.
First Author: Mohamed E. Salem, MD
- Board 424b ABSTRACT TPS3633: A biomarker enrichment trial of anti-EGFR agents in right primary tumor location (rPTL), RAS wild-type (RAS-wt) advanced colorectal cancer (aCRC): ARIEL (ISRCTN11061442).
First Author: Christopher Williams, MBChB, MRCP
- Board 425a ABSTRACT TPS3634: SEAMARK: Randomized phase 2 study of pembrolizumab + encorafenib + cetuximab versus pembrolizumab alone for first-line treatment of BRAF V600E-mutant and microsatellite instability-high (MSI-H)/mismatch repair deficient (dMMR) metastatic colorectal cancer (CRC).
First Author: Scott Kopetz, MD, PhD
- Board 425b ABSTRACT TPS3635: Phase 2/3, randomized, open-label study of an individualized neoantigen vaccine (self-amplifying mRNA and adenoviral vectors) plus immune checkpoint blockade as maintenance for patients with newly diagnosed metastatic colorectal cancer (GRANITE).
First Author: J. Randolph Hecht, MD
- Board 426a ABSTRACT TPS3636: Phase III study to compare bevacizumab or cetuximab plus FOLFIRI in patients with advanced colorectal cancer RAS/ BRAF wild type (wt) on tumor tissue and RAS mutated (mut) in liquid biopsy: LIBImAb Study.
First Author: Angela Damato, MD
- Board 426b ABSTRACT TPS3637: A multi-arm, phase 2, open-label study to assess the efficacy of RXC004 as monotherapy and in combination with nivolumab in patients with ring finger protein 43 (RNF43) or R-spondin (RSPO) aberrated, metastatic, microsatellite stable colorectal cancer following standard treatments.
First Author: Scott Kopetz, MD, PhD
- Board 427a ABSTRACT TPS3638: STOPTRAFFIC-1: A phase I/II trial of SX-682 in combination with nivolumab for refractory RAS-mutated microsatellite stable (MSS) metastatic colorectal cancer (mCRC).
First Author: Benny Johnson, DO
- Board 427b ABSTRACT TPS3639: Phase 2 study of pembrolizumab-based combination therapy in patients with microsatellite instability-high (MSI-H) or mismatch repair-deficient (dMMR) stage IV colorectal cancer (CRC).
First Author: Thierry Andre, MD

Board 428a	ABSTRACT TPS3640: Myopenia and mechanisms of toxicity in older adults with colorectal cancer (CRC): The M&M study (WF-1806). First Author: Grant Richard Williams, MD, MPH
Board 428b	ABSTRACT TPS3641: A phase 2 multicenter, open-label, randomized, controlled trial in patients with stage II/III colorectal cancer who are ctDNA positive following resection to compare efficacy of autogene cevumeran versus watchful waiting. First Author: Scott Kopetz, MD, PhD
Board 429a	ABSTRACT TPS3642: NSABP FC-12: A single-arm, phase II study to evaluate treatment with gevokizumab in patients with stage II/III colon cancer who remain ctDNA+ after curative surgery and adjuvant chemotherapy. First Author: Thomas J. George, MD, FACP
Board 429b	ABSTRACT TPS3643: Colon adjuvant chemotherapy based on evaluation of residual disease (CIRCULATE-US): NRG-GI008. First Author: Arvind Dasari, MD, MS
Board 430a	ABSTRACT TPS3644: EA2201: An ECOG-ACRIN phase II study of neoadjuvant nivolumab plus ipilimumab and short course radiation in MSI-H/dMMR rectal tumors. First Author: Kristen Keon Ciombor, MS
Board 430b	ABSTRACT TPS3645: NEOPRISM-CRC: Neoadjuvant pembrolizumab stratified to tumor mutation burden for high-risk stage 2 or stage 3 deficient-MMR/MSI-high colorectal cancer. First Author: Kai-Keen Shiu, PhD, FRCP
Board 431a	ABSTRACT TPS3646: SPAR: A randomized placebo-controlled phase 2 trial of simvastatin in addition to standard chemotherapy and radiation in preoperative treatment for rectal cancer: An AGITG clinical trial. First Author: Michael B. Jameson, PhD, FRACP
Board 431b	ABSTRACT TPS3647: Colorectal cancer metastatic dMMR immunotherapy (COMMIT) study: A randomized phase III study of atezolizumab (atezo) monotherapy versus mFOLFOX6/bevacizumab/atezo in the first-line treatment of patients (pts) with deficient DNA mismatch repair (dMMR) or microsatellite instability high (MSI-H) metastatic colorectal cancer (mCRC)—NRG-GI004/SWOG-S1610. First Author: Caio Max Sao Pedro Rocha Lima, MD

Saturday, June 4

8:00 AM - 11:00 AM | Hall A

Gastrointestinal Cancer—Gastroesophageal, Pancreatic, and Hepatobiliary

Abstracts on Boards 1-11 will be discussed during the Gastrointestinal Cancer—Gastroesophageal, Pancreatic, and Hepatobiliary Poster Discussion Session.

Posters by Topic

- Biologic Correlates: Board 12
- Esophageal or Gastric Cancer: Boards 3-5, 13-55
- Hepatobiliary Cancer: Boards 1-2, 7, 56-106
- Neuroendocrine/Carcinoid: Boards 8, 107-114
- Pancreatic Cancer: Boards 9-11, 115-143
- Small Bowel Cancer: Boards 6, 144
- Other GI Cancer: Board 145
- Trials in Progress: Boards 146a-163a

Board 1	ABSTRACT 4012: A randomised phase II clinical trial of low-dose cyclophosphamide and transarterial chemoembolization (TACE) with or without vaccination with dendritic cells (DC) pulsed with HepG2 lysate ex vivo in patients with hepatocellular carcinoma (HCC): The ImmunoTACE trial. First Author: Yuk Ting Ma, PhD
Board 2	ABSTRACT 4013: Postoperative adjuvant hepatic arterial infusion chemotherapy (HAIC) with FOLFOX to improve outcomes of patients with hepatocellular carcinoma with microvascular invasion: A prospective multicenter, phase 3, randomized, controlled clinical trial. First Author: Shaohua Li, MD
Board 3	ABSTRACT 4015: Preoperative chemoradiation (CRT) with carboplatin (CBP)/paclitaxel (PCL) (CP) or with 5-fluorouracil (FU)/oxaliplatin (OX) (Fx) for esophageal or junctional cancer: A randomized phase 2 trial. First Author: Antoine Adenis, MD, PhD
Board 4	ABSTRACT 4016: Nimotuzumab plus concurrent chemo-radiotherapy versus chemo-radiotherapy in unresectable locally advanced esophageal squamous cell carcinoma (ESCC): Interim analysis from a prospective, randomized-controlled, double-blinded, multicenter, and phase III clinical trial (NXCEL1311 Study). First Author: Xue Meng

Board 5	ABSTRACT 4017: Safety, tolerability, and preliminary efficacy results in patients with advanced gastric/gastroesophageal junction adenocarcinoma from a phase Ib/II study of CLDN18.2 CAR T-cell therapy (CT041). First Author: Changsong Qi, PhD, MD
Board 6	ABSTRACT 4018: Comprehensive genomic and transcriptomic characterization of small bowel adenocarcinoma. First Author: Karan Pandya, MD
Board 7	ABSTRACT 4019: Adjuvant gemcitabine plus cisplatin (GemCis) versus capecitabine (CAP) in patients (pts) with resected lymph node (LN)-positive extrahepatic cholangiocarcinoma (CCA): A multicenter, open-label, randomized, phase 2 study (STAMP). First Author: Changhoon Yoo, MD, PhD
Board 8	ABSTRACT 4020: Randomized phase II study of platinum and etoposide (EP) versus temozolomide and capecitabine (CAPTEM) in patients (pts) with advanced G3 non-small cell gastroenteropancreatic neuroendocrine neoplasms (GEPNENs): ECOG-ACRIN EA2142. First Author: Jennifer Rachel Eads, MD
Board 9	ABSTRACT 4021: A randomized phase Ib/II study of niraparib (nira) plus nivolumab (nivo) or ipilimumab (ipi) in patients (pts) with platinum-sensitive advanced pancreatic cancer (aPDAC). First Author: Kim Anna Reiss, MD
Board 10	ABSTRACT 4023: Phase 3, multicenter, randomized study of CPI-613 with modified FOLFIRINOX (mFFX) versus FOLFIRINOX (FFX) as first-line therapy for patients with metastatic adenocarcinoma of the pancreas (AVENGER500). First Author: Philip Agop Philip, MD, PhD, FRCP
Board 11	ABSTRACT 4141: Phase 1/2a trial of nadunolimab, a first-in-class fully humanized monoclonal antibody against IL1RAP, in combination with gemcitabine and nab-paclitaxel (GN) in patients with pancreatic adenocarcinoma (PDAC). First Author: Eric Van Cutsem, MD, PhD
Board 12	ABSTRACT 4024: Molecular characterization of long-term and short-term survivors of advanced pancreatic ductal adenocarcinoma. First Author: Jesús Fuentes Antrás, MD, MSc
Board 13	ABSTRACT 4025: The association of B7-H6 expression to the immune microenvironment in gastric cancer. First Author: Jian Chen
Board 14	ABSTRACT 4026: Choice of PD-L1 immunohistochemistry assay influences clinical eligibility for gastric cancer immunotherapy. First Author: Ryan Yong Kiat Tay
Board 15	ABSTRACT 4027: Combination of oligo-fractionated irradiation with nivolumab can induce immune modulation and replacement of T cell clones in patients with gastric cancer (phase I/II clinical study). First Author: Koji Kono, MD, PhD
Board 16	ABSTRACT 4028: VOYAGER (KSCC1902): A single-arm, multicenter, phase II study of early induction of nivolumab during second-line treatment with taxane ± ramucirumab for advanced gastric or gastro-esophageal junction cancer. First Author: Hiroo Katsuya, MD, PhD
Board 17	ABSTRACT 4029: Durvalumab (D) and PET-directed chemoradiation (CRT) after induction FOLFOX for esophageal adenocarcinoma: Final results. First Author: Darren Cowzer, MBCh
Board 18	ABSTRACT 4030: Tandem CAR-T cells targeting CLDN18.2 and NKG2DL for treatment of gastric cancer. First Author: Hui Xu, MD
Board 19	ABSTRACT 4031: Perioperative chemotherapy with docetaxel plus oxaliplatin and S-1 (DOS) versus oxaliplatin plus S-1 (SOX) for locally advanced gastric or gastro-esophageal junction adenocarcinoma (MATCH): An open-label, randomized, phase 2 study. First Author: Wen Zhang, MD
Board 20	ABSTRACT 4032: Zanidatamab (zani), a HER2-targeted bispecific antibody, in combination with chemotherapy (chemo) and tislelizumab (TIS) as first-line (1L) therapy for patients (pts) with advanced HER2-positive gastric/gastroesophageal junction adenocarcinoma (G/GEJC): Preliminary results from a phase 1b/2 study. First Author: Keun-Wook Lee
Board 21	ABSTRACT 4033: Effect of neutrophil extracellular traps on tumor lymph nodes. First Author: Xin Su, MD
Board 22	ABSTRACT 4034: Phase I/II trial of perioperative avelumab in combination with chemoradiation (CRT) in the treatment of stage II/III resectable esophageal and gastroesophageal junction (E/GEJ) cancer. First Author: Nataliya Volodymyrivna Uboha, MD, PhD

- Board 23 ABSTRACT 4035: Nivolumab (NIVO) plus chemotherapy (chemo) or ipilimumab (IPI) versus chemo as first-line (1L) treatment for advanced esophageal squamous cell carcinoma (ESCC): Expanded efficacy and safety analyses from CheckMate 648.
First Author: Ian Chau, MD
- Board 24 ABSTRACT 4036: The PRODIGE 59-DURIGAST trial: A randomized phase II study evaluating FOLFIRI plus durvalumab and FOLFIRI plus durvalumab plus tremelimumab in second-line treatment of patients with advanced gastric or gastro-esophageal junction adenocarcinoma.
First Author: David Tougeron, MD
- Board 25 ABSTRACT 4037: SOURCE beyond first-line: A survival prediction model for patients with metastatic esophagogastric adenocarcinoma after failure of first-line palliative systemic therapy.
First Author: Steven C. Kuijper, MSc
- Board 26 ABSTRACT 4038: Phase II trial of perioperative chemotherapy of esophageal cancer: PIECE trial.
First Author: Motoo Nomura, MD
- Board 27 ABSTRACT 4039: The adjudication rates between readers in Blinded Independent Central Review (BICR) of advanced esophageal cancer trials with or without immune checkpoint initiators as first-line therapy.
First Author: Yan Liu
- Board 28 ABSTRACT 4040: A phase II study evaluating KN026 monotherapy in patients (pts) with previously treated, advanced HER2-expressing gastric or gastroesophageal junction cancers (GC/GEJC).
First Author: Jianming Xu, MD
- Board 29 ABSTRACT 4041: Perioperative chemotherapy with LP002, an anti-PD-L1 antibody, in patients with resectable gastric and gastroesophageal junction cancer: A prospective, open-label, phase Ib trial.
First Author: Jialin Tang
- Board 30 ABSTRACT 4042: Perioperative ramucirumab in combination with FLOT versus FLOT alone for resectable esophagogastric adenocarcinoma (RAMSES/FLOT7) with high rate of signet cell component: Final results of the multicenter, randomized phase II/III trial of the German AIO and Italian GOIM.
First Author: Thorsten Oliver Goetze, MD
- Board 31 ABSTRACT 4043: FOLFOX versus FOLFOX plus nivolumab and ipilimumab administered in parallel or sequentially versus FLOT plus nivolumab administered in parallel in patients with previously untreated advanced or metastatic adenocarcinoma of the stomach or gastroesophageal junction: A randomized phase 2 trial of the AIO.
First Author: Sylvie Lorenzen, MD
- Board 32 ABSTRACT 4044: Circulating tumor DNA (ctDNA) in predicting residual disease after neoadjuvant chemoradiotherapy (nCRT) for esophageal squamous cell carcinoma (ESCC).
First Author: Zhichao Liu
- Board 33 ABSTRACT 4045: Phase II study of ceralasertib (AZD6738) in combination with durvalumab in patients with advanced gastric cancer.
First Author: Minsuk Kwon, MD, PhD
- Board 34 ABSTRACT 4046: Characterization of NY-ESO-1 gene expression in gastric cancer (GC).
First Author: Annika Lenz
- Board 35 ABSTRACT 4047: A phase II study of perioperative mFOLFOX plus pembrolizumab combination in patients with potentially resectable adenocarcinoma of the esophageal, gastroesophageal junction (GEJ) and stomach.
First Author: Weijing Sun, MD, FACP
- Board 36 ABSTRACT 4048: Claudin 18 (*CLDN18*) gene expression and related molecular profile in gastric cancer (GC).
First Author: Annika Lenz
- Board 37 ABSTRACT 4049: A 107-gene Nanostring assay effectively characterizes complex multiomic gastric cancer molecular classification in a translational patient-derived organoid model.
First Author: Daniel Skubleny, MD
- Board 38 ABSTRACT 4050: Clinical efficacy of laparoscopic sentinel node navigation surgery for early gastric cancer: Five-year results of SENORITA trial.
First Author: Hoon Hur, MD, PhD
- Board 39 ABSTRACT 4051: Ramucirumab, avelumab, and paclitaxel (RAP) as second-line treatment in gastro-esophageal adenocarcinoma, a phase II trial of the arbeitgemeinschaft internistische onkologie (AIO).
First Author: Peter C. Thuss-Patience, MD
- Board 40 ABSTRACT 4052: A randomized, controlled, multi-center, open-label study of adjuvant nab-paclitaxel plus S-1 (AS) versus capecitabine plus oxaliplatin (CapeOX) for stage III gastric cancer after D2 resection.
First Author: Yu Pengfei, MD
- Board 41 ABSTRACT 4053: Tumor microenvironment (TME) dynamics following capecitabine/oxaliplatin (CapeOx) plus pembrolizumab in patients with advanced gastric cancer.
First Author: Minae An, PhD
- Board 42 ABSTRACT 4054: Circulating tumor DNA and recurrence risk in stage II-III gastric cancer.
First Author: Shu-Qiang Yuan, PhD
- Board 43 ABSTRACT 4055: Prognostic role of tumor stroma ratio, tumor-infiltrating lymphocytes, and tumor budding in patients with intestinal-type gastric cancer after radical resection.
First Author: Dan Sha, MD
- Board 44 ABSTRACT 4056: A biological network approach for mining target genes in EBV-positive gastric cancer.
First Author: Williams Fernandes Barra, MD, MSc
- Board 45 ABSTRACT 4057: Comparison of four clinical prognostic scores in patients with advanced gastric and esophageal cancer.
First Author: Lucy Xiaolu Ma, MD
- Board 46 ABSTRACT 4058: The 27-gene IO score is associated with molecular features and response to immune checkpoint inhibitors (ICI) in patients with gastric cancer.
First Author: Matthew Gordon Varga, PhD
- Board 47 ABSTRACT 4059: Neoadjuvant atezolizumab plus docetaxel/oxaliplatin/capecitabine in non-metastatic gastric and gastroesophageal junction adenocarcinoma: The PANDA trial.
First Author: Yara L. Verschoor, MD
- Board 48 ABSTRACT 4060: REGOMUNE: A phase II study of regorafenib plus avelumab in solid tumors—Results of the oesophageal or gastric carcinoma (OGC) cohort.
First Author: Sophie Cousin, MD
- Board 49 ABSTRACT 4061: Impact of immune-related adverse events (irAEs) on PD-1/L1 inhibitors efficacy in advanced esophageal cancer.
First Author: Wenru Qin
- Board 50 ABSTRACT 4062: A phase I study of TST001, a high affinity humanized anti-CLDN18.2 monoclonal antibody, in combination with capecitabine and oxaliplatin (CAPOX) as a first-line treatment of advanced G/GEJ cancer.
First Author: Jifang Gong, MD
- Board 51 ABSTRACT 4063: SCALE-1: Safety and efficacy of short course neoadjuvant chemo-radiotherapy plus toripalimab for locally advanced resectable squamous cell carcinoma of esophagus.
First Author: Ning Jiang
- Board 52 ABSTRACT 4064: Cellworks Singula therapy response index (TRI) predicts clinical outcomes for esophageal adenocarcinoma: MyCare-004.
First Author: Elizabeth Catherine Smyth, MD
- Board 53 ABSTRACT 4065: Phase III randomized controlled trial comparing chemotherapy to best supportive care in advanced esophageal and gastroesophageal junction cancer.
First Author: Vanita Noronha, MD
- Board 54 ABSTRACT 4066: Outcomes in patients undergoing curative surgery for gastric cancer by facility type and socioeconomic factors: An analysis of the National Cancer Database (NCDB).
First Author: Ali Alqahtani, MD
- Board 55 ABSTRACT 4067: Non-invasive detection of esophageal carcinoma by integrative analysis of low-pass whole methylome sequencing of plasma cell-free DNA.
First Author: Dan Liu
- Board 56 ABSTRACT 4068: TACE with idarubicin-eluting beads compared with TACE with epirubicin-eluting beads in BCLC B-stage HCC: Interim results of a randomized, double-blind, parallel-controlled, phrase IV multicenter study.
First Author: Jiaping Li
- Board 57 ABSTRACT 4069: Atezolizumab plus bevacizumab versus lenvatinib or sorafenib in non-viral unresectable hepatocellular carcinoma: An international study.
First Author: Andrea Casadei-Gardini
- Board 58 ABSTRACT 4070: Patient-reported outcomes for the phase 3 TOPAZ-1 study of durvalumab plus gemcitabine and cisplatin in advanced biliary tract cancer.
First Author: Howard A. Burris III, MD, FACP, FASCO
- Board 59 ABSTRACT 4071: A phase II study of stereotactic body radiotherapy (SBRT) combined with sintilimab in patients with recurrent or oligometastatic hepatocellular carcinoma (HCC).
First Author: Yixing Chen

- Board 60 ABSTRACT 4072: Clinical outcomes associated with tislelizumab in patients (pts) with advanced hepatocellular carcinoma (HCC) who have been previously treated with sorafenib (SOR) or lenvatinib (LEN) in RATIONALE-208.
First Author: Julien Edeline
- Board 61 ABSTRACT 4073: Hepatic artery infusion chemotherapy (HAIC) combined with sintilimab and bevacizumab biosimilar (IBI305) for initial unresectable hepatocellular carcinoma (HCC): A prospective, single-arm phase II trial.
First Author: Dongming Liu
- Board 62 ABSTRACT 4074: Patient-reported outcomes from the phase 3 HIMALAYA study of tremelimumab plus durvalumab in unresectable hepatocellular carcinoma.
First Author: Bruno Sangro, MD, PhD
- Board 63 ABSTRACT 4075: Regional subgroup analysis of the phase 3 TOPAZ-1 study of durvalumab (D) plus gemcitabine and cisplatin (GC) in advanced biliary tract cancer (BTC).
First Author: Arndt Vogel, MD
- Board 64 ABSTRACT 4076: Organ-specific responses to atezolizumab plus bevacizumab in patients with advanced hepatocellular carcinoma.
First Author: Jaekyung Cheon, MD
- Board 65 ABSTRACT 4077: A phase II study to evaluate the safety and efficacy of anlotinib combined with toripalimab for advanced biliary cancer.
First Author: Jie Shen
- Board 66 ABSTRACT 4078: Characterization of tumor responses in patients (pts) with unresectable hepatocellular carcinoma (uHCC) treated with lenvatinib in REFLECT.
First Author: Masatoshi Kudo, MD, PhD
- Board 67 ABSTRACT 4079: Targeting HER2 mutation-positive advanced biliary tract cancers with neratinib: Final results from the phase 2 SUMMIT basket trial.
First Author: James J. Harding, MD
- Board 68 ABSTRACT 4080: Preservation of liver function with local radiation therapy in patients with metastatic intrahepatic cholangiocarcinoma with extrahepatic disease.
First Author: Rituraj Upadhyay, MD, MBBS, DNB
- Board 69 ABSTRACT 4081: Toripalimab combined with gemcitabine and S-1 in the first-line treatment of advanced biliary tract cancer.
First Author: Wei Li
- Board 70 ABSTRACT 4082: The potential use of blood-based tumor fibrosis markers as diagnostic and prognostic biomarkers in patients with biliary tract cancer.
First Author: Troels Dreier Christensen, MD
- Board 71 ABSTRACT 4083: Immunogenomic characterization of biliary tract cancers: Biomarker enrichment for benefit to immune checkpoint blockade.
First Author: Wungki Park, MD
- Board 72 ABSTRACT 4085: FGFR2 fusion detection in plasma: A new era in the clinical monitoring of iCCA.
First Author: Alberto Gonzalez-Medina, PhD
- Board 73 ABSTRACT 4086: Clinical impact of MAPK pathway alterations in advanced biliary tract cancer (BTC): SCRUM-Japan GOZILA and COLOMATE international collaboration.
First Author: Hideaki Takahashi, MD
- Board 74 ABSTRACT LBA4087: Understanding the mechanism behind preoperative exercise therapy in patients with gastrointestinal cancers: A prospective, randomized clinical trial.
First Author: Ahmad Hamad, MD
- Board 75 ABSTRACT 4088: Health-related quality of life (HRQoL) impact of pembrolizumab (pembro) plus best supportive care (BSC) versus placebo (PBO) plus BSC as second-line (2L) therapy in patients (pts) in Asia with advanced hepatocellular carcinoma (HCC): Phase 3 KEYNOTE-394 study.
First Author: Shukui Qin, MD
- Board 76 ABSTRACT 4089: Antibiotic therapy and association with oncological outcomes from targeted and immune-based therapy in hepatocellular carcinoma (HCC).
First Author: David J. James Pinato, MD, PhD, MRCP
- Board 77 ABSTRACT 4090: Health care resource utilization (HCRU) and costs in patients with biliary tract cancer (BTC) treated with systemic therapy in the United States (US).
First Author: Liya Wang, PhD
- Board 78 ABSTRACT 4091: Sequential trans-arterial chemoembolization and stereotactic body radiotherapy followed by immunotherapy (START-FIT) for locally advanced hepatocellular carcinoma: A single-arm, phase II trial.
First Author: Chi Leung Chiang, MBChB, PDip
- Board 79 ABSTRACT 4092: Bortezomib in PTEN-deficient patients with advanced intrahepatic cholangiocarcinoma: An open-label, prospective, phase II trial.
First Author: Zhen-gang Yuan
- Board 80 ABSTRACT 4093: Preliminary results from a phase Ib study of neoadjuvant ipilimumab plus nivolumab prior to liver resection for hepatocellular carcinoma: The PRIME-HCC trial.
First Author: Antonio D'Alessio
- Board 81 ABSTRACT 4094: Phase 1b results of a multicenter, randomized phase 1b/2 study of gemcitabine and cisplatin +/- CPI-613 as first-line therapy for patients with advanced biliary tract cancer (BiIT-04).
First Author: Vaibhav Sahai, MBBS, MS
- Board 82 ABSTRACT 4095: A multicenter, non-randomized, controlled trial to evaluate the efficacy of surgery versus radiofrequency ablation for small hepatocellular carcinoma (SURF-Cohort Trial): Analysis of overall survival.
First Author: Tatsuya Yamashita
- Board 83 ABSTRACT 4096: Trastuzumab plus FOLFOX for gemcitabine/cisplatin refractory HER2-positive biliary tract cancer: A multi-institutional phase II trial of the Korean Cancer Study Group (KCSG-HB19-14).
First Author: Choong-kun Lee, MD, PhD
- Board 84 ABSTRACT 4097: NEO-GAP: A phase II single-arm prospective feasibility study of neoadjuvant gemcitabine/cisplatin/nab-paclitaxel for resectable high-risk intrahepatic cholangiocarcinoma.
First Author: Shishir K. Maithel, MD, FACS
- Board 85 ABSTRACT 4098: Comparative efficacy of novel combination immunotherapy strategies for unresectable hepatocellular carcinoma (HCC): A network metanalysis of landmark phase III trials.
First Author: Claudia A.M. Fulgenzi
- Board 86 ABSTRACT 4099: A prospective, multicenter, phase II trial of albumin-paclitaxel plus cisplatin versus gemcitabine plus cisplatin in first-line treatment of advanced biliary tract tumors.
First Author: Xiao Yang
- Board 87 ABSTRACT 4100: A phase 2, randomized, open-label, multicenter study of sintilimab and anlotinib in combination with gemcitabine plus cisplatin (GemCis) as first-line therapy in patients (pts) with advanced biliary tract cancer (BTC): SAGC.
First Author: Li Jingjing
- Board 88 ABSTRACT 4101: Genomic characterization and translational immunotherapy of microsatellite instability-high (MSI-H) in cholangiocarcinoma.
First Author: Xu Yang, MD
- Board 89 ABSTRACT 4102: Genomic profile of intrahepatic cholangiocarcinoma with MTAP loss.
First Author: Tin-Yun Tang, MD
- Board 90 ABSTRACT 4103: Discovery and clinical validation of cost-effective noninvasive early detection of hepatocellular carcinoma (HCC) through circulating tumor DNA (ctDNA) methylation signature.
First Author: Xin-Rong Yang, MD, PhD
- Board 91 ABSTRACT 4104: Efficacy and safety of low-dose apatinib in advanced hepatocellular carcinoma.
First Author: Lingbin Meng, MD, PhD
- Board 92 ABSTRACT 4105: High atezolizumab antidrug antibody levels are associated with unfavorable clinical outcomes and diminished T cell responses following atezolizumab and bevacizumab treatment in advanced hepatocellular carcinoma.
First Author: Hong Jae Chon, MD, PhD
- Board 93 ABSTRACT 4106: Hepatic artery infusion chemotherapy (HAIC) combined with apatinib and camrelizumab for hepatocellular carcinoma (HCC) in BCLC stage c: A prospective, single-arm, phase II trial (TRIPTYC study).
First Author: Yang-Kui Gu, MD, PhD
- Board 94 ABSTRACT 4107: IMMUNIB trial (AIO-HEP-0218/ass): A single-arm, phase II study evaluating safety and efficacy of immunotherapy nivolumab in combination with lenvatinib in advanced-stage hepatocellular carcinoma (HCC).
First Author: Arndt Vogel, MD
- Board 95 ABSTRACT 4108: Durvalumab (D) plus tremelimumab (T) immunotherapy in patients (Pts) with advanced biliary tract carcinoma (BTC) after failure of platinum-based chemotherapy (CTx): Interim results of the IMMUNOBIL GERCOR D18-1 PRODIGE-57 study.
First Author: Matthieu Delaye
- Board 96 ABSTRACT 4109: Pembrolizumab monotherapy for previously untreated advanced hepatocellular carcinoma (aHCC): 3-year follow-up of the phase 2 KEYNOTE-224 study.
First Author: Ivan Borbath, MD, PhD

- Board 97 ABSTRACT 4110: Next-generation sequencing (NGS) of circulating cell-free DNA (cfDNA) in patients (pts) with advanced hepatocellular carcinoma (HCC).
First Author: Darren Cowzer, MBCh
- Board 98 ABSTRACT 4111: Nivolumab and lenvatinib combination for fibrolamellar carcinoma.
First Author: Paul Kent, MD
- Board 99 ABSTRACT 4113: Early detection of hepatocellular carcinoma using cfDNA signatures from cirrhotic patients with nodules.
First Author: Rong Fan
- Board 100 ABSTRACT 4114: Clinical and genomic characterization of ERBB2-altered gallbladder cancer.
First Author: Sebastian Mondaca, MD
- Board 101 ABSTRACT 4115: A phase II study combining KN046 (an anti-PD-L1/CTLA-4 bispecific antibody) and lenvatinib in the treatment for advanced unresectable or metastatic hepatocellular carcinoma (HCC): Updated efficacy and safety results.
First Author: Baocai Xing, MD
- Board 102 ABSTRACT 4116: IMMUTACE: A biomarker-orientated phase II, single-arm, open-label AIO study of transarterial chemoembolization (TACE) in combination with nivolumab performed for intermediate-stage hepatocellular carcinoma (HCC; AIO-HEP-0217)—Updated efficacy results.
First Author: Anna Saborowski, MD
- Board 103 ABSTRACT 4117: Health-related quality of life in patients treated with gemcitabine/cisplatin and durvalumab ± tremelimumab in chemotherapy-naïve advanced biliary tract cancer.
First Author: Jin Won Kim, MD, PhD
- Board 104 ABSTRACT 4118: Impact of metformin on clinical outcomes in advanced hepatocellular carcinoma treated with immune checkpoint inhibitors.
First Author: Lana Khalil, MD
- Board 105 ABSTRACT 4119: Quantitative analysis of spatial distribution of lymphocytes in hepatocellular carcinoma: A biomarker correlated with survival and gene expression in cancer immune system.
First Author: Hong-Seok Lee, DVM
- Board 106 ABSTRACT 4120: Comparative genomic analysis and its prognostic impact on survival between viral hepatitis-related and non-viral hepatitis intrahepatic cholangiocarcinoma.
First Author: Nai-Jung Chiang, MD
- Board 107 ABSTRACT 4121: Efficacy of nivolumab and temozolomide in advanced neuroendocrine neoplasms (NENs) in a phase 2 clinical trial.
First Author: Dwight Hall Owen, MD
- Board 108 ABSTRACT 4122: Australasian Gastrointestinal Trials Group (AGITG) CONTROL NET Study: ¹⁷⁷Lu-DOTATATE peptide receptor radionuclide therapy (PRRT) and capecitabine plus temozolomide (CAPTEM) for pancreas and midgut neuroendocrine tumours (pNETS, mNETS)—Final results.
First Author: Nick Pavlakis, PhD, FRACP, MBBS
- Board 109 ABSTRACT 4123: Association of LAG-3 expression in circulating T cells and response to combination temozolomide (TMZ) and nivolumab (NIVO) in advanced neuroendocrine neoplasms (NENs): Results from an investigator-initiated phase 2 trial.
First Author: Vineeth Sukrithan, MD
- Board 110 ABSTRACT 4124: Genomic correlates of response to capecitabine and temozolomide (CAPTEM) in pancreatic neuroendocrine tumors.
First Author: Patrick Lee
- Board 111 ABSTRACT 4125: REGOMUNE: Phase II study of regorafenib plus avelumab in solid tumors—Results of the gastroenteropancreatic neuroendocrine carcinomas (GEP-NEC) cohort.
First Author: Sophie Cousin, MD
- Board 112 ABSTRACT 4126: A pooled analysis of surufatinib safety from phase 3 trials in advanced NETs.
First Author: Jie Li, MD
- Board 113 ABSTRACT 4127: Molecular correlates of Delta-like-ligand 3 (DLL3) expression in neuroendocrine neoplasms (NENs).
First Author: Justin Hwang, PhD
- Board 114 ABSTRACT 4128: Targeted alpha-emitter therapy with ²¹²Pb-DOTAMTATE in neuroendocrine tumor subjects who progressed following prior ¹⁷⁷Lu/⁹⁰Y-PRRT.
First Author: Ebrahim Delpassand, MD
- Board 115 ABSTRACT 4129: Analysis of molecular characterization: Pancreatic ductal adenocarcinoma with hepatic metastases.
First Author: Yonggang He
- Board 116 ABSTRACT 4130: KRAS wild-type pancreatic ductal adenocarcinoma: Molecular and therapeutic opportunities.
First Author: Aakash Desai, MD, MPH
- Board 117 ABSTRACT 4131: A descriptive study on the treatment and outcomes of patients with platinum-sensitive, advanced, BRCA- or PALB2-related pancreatic cancer who have progressed on rucaparib.
First Author: Timothy J. Brown, MD
- Board 118 ABSTRACT 4132: The impact of HRD in patients with pancreatic adenocarcinoma undergoing surgical resection: An updated analysis.
First Author: Gudbjorg Jonsdottir, MD, PhD
- Board 119 ABSTRACT 4133: Perioperative or adjuvant nab-paclitaxel plus gemcitabine for resectable pancreatic cancer: Updated final results of the randomized phase II AIO-NEONAX trial.
First Author: Thomas Jens Ettrich, MD
- Board 120 ABSTRACT 4134: Resectable pancreatic adenocarcinoma neo-adjuvant FOLF(IRIN)OX-based chemotherapy: A multicenter, non-comparative, randomized, phase II trial (PANACHE01-PRODIGE48 study).
First Author: Lilian Schwarz
- Board 121 ABSTRACT 4135: Socioeconomic factors associated with a late-stage pancreatic cancer diagnosis: An analysis of the national cancer database.
First Author: Jillian Marie Gallegos
- Board 122 ABSTRACT 4136: Phase Ib study of anetumab ravtansive in combination with immunotherapy or immunotherapy plus chemotherapy in mesothelin-enriched advanced pancreatic adenocarcinoma: NCI10208.
First Author: Pavlina Spiliopoulou, MD, PhD
- Board 123 ABSTRACT 4137: Mutational landscape of pancreatic adenocarcinoma identified by prospective clinical sequencing in a nationwide cancer network.
First Author: Katherine E. Poruk, MD
- Board 124 ABSTRACT 4138: A phase I/II study of LOAd703, a TMZ-CD40L/4-1BBL-armed oncolytic adenovirus, combined with nab-paclitaxel and gemcitabine in advanced pancreatic cancer.
First Author: Benjamin Leon Musher, MD
- Board 125 ABSTRACT 4139: Evaluation of stage IV pancreatic adenocarcinomas based on mutational profiling of tumors.
First Author: Katherine E. Poruk, MD
- Board 126 ABSTRACT 4140: A study of relacorilant in combination with nab-paclitaxel in patients with metastatic pancreatic ductal adenocarcinoma.
First Author: Erkut Hasan Borazanci, MD, MS
- Board 127 ABSTRACT 4142: The tumor microenvironment and immune infiltration landscape of KRAS mutant pancreatic ductal adenocarcinomas (PDAC) compared to colorectal adenocarcinomas (CRC).
First Author: Emil Lou, MD, PhD
- Board 128 ABSTRACT 4143: Gut microbiota composition and outcomes following neoadjuvant therapy in patients with localized pancreatic cancer: A prospective biomarker study.
First Author: Pranav Murthy, MS
- Board 129 ABSTRACT 4144: A clinical study following phase I/IIa trial of STNM01 to investigate the overall survival and tumor microenvironment in patients with unresectable pancreatic cancer.
First Author: Takayoshi Tsuchiya
- Board 130 ABSTRACT 4145: Responses to immune checkpoint inhibition among MSI-H pancreatic ductal adenocarcinoma: A multi-institutional case series.
First Author: Tucker Coston, MD
- Board 131 ABSTRACT 4146: Phase I dose escalation and expansion study of defactinib, pembrolizumab, and gemcitabine in patients with advanced treatment-refractory pancreatic cancer.
First Author: Andrea Wang-Gillam, MD, PhD
- Board 132 ABSTRACT 4147: Phase 2 Quilt 88 trial of DAMP inducers combined with IL15 superagonist, N-803, and anti-PD-L1 NK cell therapy more than doubles historical overall survival in patients with third- to sixth-line advanced pancreatic cancer.
First Author: Tara Elisabeth Seery, MD
- Board 133 ABSTRACT 4148: A randomized, non-comparative, phase II study of maintenance OSE2101 vaccine alone or in combination with nivolumab (nivo) or FOLFIRI after induction with FOLFIRINOX in patients (Pts) with advanced pancreatic ductal adenocarcinoma (aPDAC): First interim results of the TEDOPAM GERCOR D17-01 PRODIGE 63 STUDY.
First Author: Marc Hilmi, MD
- Board 134 ABSTRACT 4149: Comparison of systematic inflammatory prognostic scores in patients with advanced pancreatic adenocarcinoma.
First Author: Lucy Xiaolu Ma, MD

- Board 135 ABSTRACT 4150: Do we need postoperative chemotherapy after preoperative FOLFIRINOX in resected borderline or locally advanced pancreatic cancer? A retrospective analysis.
First Author: Roxane Mari
- Board 136 ABSTRACT 4151: Discrimination of mucinous pancreatic cysts using an enzymatic turnover assay to improve clinical diagnostic accuracy.
First Author: Daniel Sheik, PhD
- Board 137 ABSTRACT 4152: Circulating tumor DNA profile in pancreatic ductal adenocarcinoma (PDAC) and potential targeted therapy.
First Author: Francis Esposito, MD
- Board 138 ABSTRACT 4153: Lymphocyte to monocyte ratio in metastatic pancreatic ductal adenocarcinoma as a prognostic factor and its potential role in identifying a subset of patients with a favorable response to therapy.
First Author: Andrea Pretta, MD
- Board 139 ABSTRACT 4154: Supportive care (SC) utilization for patients with locally advanced pancreatic cancer: Review of the National Cancer Data Base (2004-2018).
First Author: Christopher G. Cann, MD
- Board 140 ABSTRACT 4155: Comparative analysis of the targetable landscape in KRAS-mutant and wild-type pancreatic adenocarcinoma.
First Author: Todd C. Knepper, PharmD
- Board 141 ABSTRACT 4156: Landscape of homologous recombination reversion mutations in pancreaticobiliary malignancies.
First Author: Brennan James Decker
- Board 142 ABSTRACT 4157: Neoadjuvant chemotherapy is associated with improved outcomes in patients with stage 1A and 1B pancreatic cancer undergoing surgery: An NCDB study.
First Author: Noah Rozich, MD
- Board 143 ABSTRACT 4158: Phase 2 study of azacitidine (AZA) plus pembrolizumab (pembro) as second-line treatment in patients with advanced pancreatic ductal adenocarcinoma.
First Author: Rachael A. Safyan, MD
- Board 144 ABSTRACT 4159: Evaluation of somatic and germline variants in patients with small bowel adenocarcinoma reveals clinically actionable targets.
First Author: Deng Wei, MD
- Board 145 ABSTRACT 4160: Patient-derived explant model of appendiceal cancer.
First Author: Madeleine Cornelia Strach, MBBS, MPH, FRACP
- Board 146a ABSTRACT TPS4161: Phase 2 study of trastuzumab deruxtecan in the neoadjuvant treatment for patients with HER2-positive gastric and gastroesophageal junction adenocarcinoma (EPOC2003).
First Author: Daisuke Takahari, MD, PhD
- Board 146b ABSTRACT TPS4162: EA2183: A phase III study of consolidative radiotherapy in patients with oligometastatic HER2-negative esophageal and gastric adenocarcinoma.
First Author: Nataliya Volodymyrivna Uboha, MD, PhD
- Board 147a ABSTRACT TPS4163: Anti-PD1, capecitabine, and oxaliplatin for the first-line treatment of dMMR esophagogastric cancer (AuspiCiOus-dMMR): A proof-of-principle study (AuspiCiOus).
First Author: Joris Bos
- Board 147b ABSTRACT TPS4164: Trial in progress: Phase 3 study of bemarituzumab + mFOLFOX6 versus placebo + mFOLFOX6 in previously untreated advanced gastric or gastroesophageal junction (GEJ) cancer with FGFR2b overexpression (FORTITUDE-101).
First Author: Elizabeth Catherine Smyth, MD
- Board 148a ABSTRACT TPS4165: Trial in progress: Phase 1b/3 study of bemarituzumab + mFOLFOX6 + nivolumab versus mFOLFOX6 + nivolumab in previously untreated advanced gastric and gastroesophageal junction (GEJ) cancer with FGFR2b overexpression (FORTITUDE-102).
First Author: Zev A. Wainberg, MD
- Board 148b ABSTRACT TPS4166: Blood-borne assessment of stromal activation in esophageal adenocarcinoma to guide tocilizumab therapy: A randomized phase II proof-of-concept study (NCT04554771).
First Author: Benthe Doeve
- Board 149a ABSTRACT TPS4167: First-line lenvatinib plus pembrolizumab plus chemotherapy in esophageal squamous cell carcinoma: LEAP-014 trial in progress.
First Author: Jong-Mu Sun, MD
- Board 149b ABSTRACT TPS4168: Phase I trial of CA-4948, an IRAK4 inhibitor, in combination with FOLFOX/PD-1 inhibitor +/- trastuzumab for untreated unresectable gastric and esophageal cancer.
First Author: Haeseong Park, MD, MPH
- Board 150a ABSTRACT TPS4169: Multicenter phase II study of abemaciclib and ramucirumab in metastatic esophageal/gastroesophageal junction carcinoma.
First Author: Ronan Joseph Kelly, MD, MBA
- Board 150b ABSTRACT TPS4170: ACCRU-GI-2008: A phase II randomized study of atezolizumab (Atezo) plus a multi-kinase inhibitor (MKI) versus MKI alone in patients with unresectable advanced hepatocellular carcinoma (aHCC) who previously received atezolizumab plus bevacizumab (Bev).
First Author: Wen Wee Ma, MBBS
- Board 151a ABSTRACT TPS4171: PROOF 301: A multicenter, open-label, randomized, phase 3 trial of infigratinib versus gemcitabine plus cisplatin in patients with advanced cholangiocarcinoma with an FGFR2 gene fusion/rearrangement.
First Author: Ghassan K. Abou-Alfa, MD, MBA
- Board 151b ABSTRACT TPS4172: AdvanTIG-206: Anti-TIGIT monoclonal antibody (mAb) ociperlimab (BGB-A1217; OCI) plus anti-programmed cell death protein-1 (PD-1) mAb tislelizumab (TIS) plus BAT1706 versus TIS plus BAT1706 as first-line (1L) treatment for advanced hepatocellular carcinoma (HCC).
First Author: Jia Fan, MD, PhD
- Board 152a ABSTRACT TPS4173: Phase 2 open-label study of pembrolizumab plus lenvatinib and belzutifan in patients with advanced solid tumors.
First Author: Robin Kate Kelley, MD
- Board 152b ABSTRACT TPS4174: An investigator-initiated phase II trial of a PARP inhibitor niraparib monotherapy for patients with pre-treated, BRCA-mutated, unresectable/recurrent biliary tract, pancreatic, and other gastrointestinal cancers (NIR-B trial).
First Author: Yasuyuki Kawamoto, MD, PhD
- Board 153a ABSTRACT TPS4175: TALENTop: A multicenter, randomized study evaluating the efficacy and safety of hepatic resection for selected hepatocellular carcinoma with macrovascular invasion after initial atezolizumab plus bevacizumab treatment.
First Author: Hui-Chuan Sun, MD, PhD
- Board 153b ABSTRACT TPS4176: Study protocol of an open-label, single-arm, phase II trial investigating the efficacy and safety of trifluridine/tipiracil combined with irinotecan as a second-line therapy in patients with cholangiocarcinoma (TRITICC).
First Author: Linde Kehmann
- Board 154a ABSTRACT TPS4177: An open-label, multicenter, randomized phase II study of atezolizumab and bevacizumab with Y90 TARE in patients with unresectable hepatocellular carcinoma (HCC).
First Author: Aiwu Ruth He, MD, PhD
- Board 154b ABSTRACT TPS4178: Methodology of the SORENTO clinical trial: Assessing the efficacy and safety of high exposure octreotide subcutaneous depot in patients with GEP-NETs.
First Author: Simron Singh, MD, MPH
- Board 155a ABSTRACT TPS4179: SWOG S2012: Randomized phase II/III trial of first line platinum/etoposide (P/E) with or without atezolizumab (NSC#783608) in patients (pts) with poorly differentiated extrapulmonary small cell neuroendocrine carcinomas (NEC).
First Author: David Bing Zhen, MD
- Board 155b ABSTRACT TPS4180: Trial in progress: Phase I study of SY-5609, a potent, selective CDK7 inhibitor, with initial expansion in adults with metastatic pancreatic cancer.
First Author: Manish Sharma, MD
- Board 156a ABSTRACT TPS4181: A phase 1b/2, dose-escalation, randomized, multicenter study of maintenance (maint) ivaltinostat (ival) plus capecitabine (cap) or capecitabine monotherapy in patients (pts) with metastatic pancreatic adenocarcinoma (PDAC) whose disease has not progressed on first-line FOLFIRINOX chemotherapy (CT).
First Author: Evan Justin Walker, MD
- Board 156b ABSTRACT TPS4183: Phase II study (daNIS-1) of the anti-TGF- β monoclonal antibody (mAb) NIS793 with and without the PD-1 inhibitor spartalizumab in combination with nab-paclitaxel/gemcitabine (NG) versus NG alone in patients (pts) with first-line metastatic pancreatic ductal adenocarcinoma (mPDAC).
First Author: Li-Yuan Bai, MD
- Board 157a ABSTRACT TPS4184: GRECO-2: A randomized, phase 2 study of stereotactic body radiation therapy (SBRT) in combination with rucosopasem (GC4711) in the treatment of locally advanced or borderline resectable nonmetastatic pancreatic cancer.
First Author: Sarah E. Hoffe, MD
- Board 157b ABSTRACT TPS4185: A randomized phase II study of gemcitabine and nab-paclitaxel compared with 5-fluorouracil, leucovorin, and liposomal irinotecan in older patients with treatment-naïve metastatic pancreatic cancer (GIANT): ECOG-ACRIN EA2186—Trials in progress.
First Author: Efrat Dotan, MD
- Board 158a ABSTRACT TPS4186: Zolbetuximab plus gemcitabine and nab-paclitaxel (GN) in first-line treatment of claudin 18.2-positive metastatic pancreatic cancer (mPC): Phase 2, open-label, randomized study.
First Author: Wungki Park, MD

- Board 158b ABSTRACT TPS4187: PANOVA-3: A phase 3 study of tumor-treating fields with gemcitabine and nab-paclitaxel for frontline treatment of locally advanced pancreatic adenocarcinoma.
First Author: Vincent J. Picozzi, MD, MMM
- Board 159a ABSTRACT TPS4188: Precision Promise (PrP): An adaptive, multi-arm registration trial in metastatic pancreatic ductal adenocarcinoma (PDAC).
First Author: Vincent J. Picozzi, MD, MMM
- Board 159b ABSTRACT TPS4189: A multicenter, randomized, double-blind phase III clinical study to evaluate the efficacy and safety of KN046 combined with nab-paclitaxel and gemcitabine versus placebo combined with nab-paclitaxel and gemcitabine in patients with advanced pancreatic cancer (ENREACH-PDAC-01).
First Author: Gang Jin
- Board 160a ABSTRACT TPS4190: Sequential first-line treatment with gemcitabine plus nab-paclitaxel (GA) followed by FOLFIRINOX (FFX) versus FFX alone in patients with metastatic pancreatic cancer (PC): GABRINOX-2 randomized phase 2 trial.
First Author: Fabienne Portales, MD
- Board 160b ABSTRACT TPS4191: Sequential treatment with gemcitabine/nab-paclitaxel (GA) and FOLFIRINOX (FFX) followed by stereotactic MRI-guided adaptive radiation therapy (SMART) in patients with locally advanced pancreatic cancer (LAPC): GABRINOX-ART phase 2, multicenter trial.
First Author: Fabienne Portales, MD
- Board 161a ABSTRACT TPS4192: Trial in progress: A randomized phase II study of pembrolizumab with or without defactinib, a focal adhesion kinase inhibitor, following chemotherapy as a neoadjuvant and adjuvant treatment for resectable pancreatic ductal adenocarcinoma (PDAC).
First Author: John Davelaar
- Board 161b ABSTRACT TPS4193: Phase III study (daNIS-2) of the anti-TGF- β monoclonal antibody (mAb) NIS793 with nab-paclitaxel/gemcitabine (NG) versus NG alone in patients (pts) with first-line metastatic pancreatic ductal adenocarcinoma (mPDAC).
First Author: Eileen Mary O'Reilly, MD
- Board 162a ABSTRACT TPS4194: A phase Ib/II study of sotorasib combined with chemotherapy for second-line treatment of KRAS p. G12C-mutated advanced pancreatic cancer.
First Author: Devalingam Mahalingam, MD
- Board 162b ABSTRACT TPS4195: Phase Ib/IIa trial of CEND 1 in combination with neoadjuvant FOLFIRINOX-based therapies in pancreatic, colorectal, and appendiceal cancers (CENDIFOX).
First Author: Anup Kasi, MD, MPH
- Board 163a ABSTRACT TPS4196: A phase II, open-label, pilot study evaluating the safety and activity of liposomal irinotecan (Nal-IRI) in combination with 5-FU and oxaliplatin (NALIRIFOX) in preoperative treatment of pancreatic adenocarcinoma: NEO-Nal-IRI study.
First Author: Sherise C. Rogers, MD, MPH

Saturday, June 4

8:00 AM - 11:00 AM | Hall A

Hematologic Malignancies—Leukemia, Myelodysplastic Syndromes, and Allogeneic Stem Cell Transplantation

Abstracts on Boards 240-251 will be discussed during the Hematologic Malignancies—Leukemia, Myelodysplastic Syndromes, and Allogeneic Stem Cell Transplantation Poster Discussion Session.

Posters by Topic

Acute Leukemia: Boards 240-245, 249-251, 252-275

Allogeneic Stem Cell Transplantation: Boards 276-279

Chronic Leukemia—CML and Hairy Cell: Boards 280-281

Myelodysplastic Syndromes (MDS): Boards 247-248, 282-288

Myeloproliferative Syndromes (MPD): Boards 246, 289-292

Other: Board 293

Trials in Progress: Boards 294a-302a

- Board 240 ABSTRACT 7009: A phase II trial of a chemotherapy-free combination of ponatinib and blinatumomab in adults with Philadelphia chromosome-positive acute lymphoblastic leukemia (Ph+ ALL).
First Author: Nicholas James Short, MD
- Board 241 ABSTRACT 7010: Two-year follow-up of KTE-X19, an anti-CD19 chimeric antigen receptor (CAR) T-cell therapy, in adult patients (Pts) with relapsed/refractory B-cell acute lymphoblastic leukemia (R/R B-ALL) in ZUMA-3.
First Author: Bijal D. Shah, MD, MS

- Board 242 ABSTRACT 7011: Updated results from a phase II study of mini-hyper-CVD (mini-HCVD) plus inotuzumab ozogamicin (INO), with or without blinatumomab (Blina), in older adults with newly diagnosed Philadelphia chromosome (Ph)-negative B-cell acute lymphoblastic leukemia (ALL).
First Author: Walid Macaron, MD, MSc
- Board 243 ABSTRACT 7012: Health inequities in survival of patients with acute lymphoblastic leukemia in Peru: A single tertiary institution experience.
First Author: Evelyn Pamela Espinoza-Morales, MBBS
- Board 244 ABSTRACT 7013: Impact of socioeconomic status on survival after CD19 CART therapy.
First Author: Haley Newman, MD
- Board 245 ABSTRACT 7014: Challenges and outcomes of treating acute myeloid leukemia (AML) in resource-constrained settings.
First Author: Sri Krishna Sahitya Srikrishna Dangudubiyyam, MD, MBBS
- Board 246 ABSTRACT 7015: Navitoclax plus ruxolitinib in JAK inhibitor-naïve patients with myelofibrosis: Preliminary safety and efficacy in a multicenter, open-label phase 2 study.
First Author: Francesco Passamonti, MD
- Board 247 ABSTRACT 7016: Phase 1/2a study of the IRAK4 inhibitor CA-4948 as monotherapy or in combination with azacitidine or venetoclax in patients with relapsed/refractory (R/R) acute myeloid leukemia or myelodysplastic syndrome.
First Author: Guillermo Garcia-Manero, MD
- Board 248 ABSTRACT 7017: Magrolimab in combination with azacitidine for untreated higher-risk myelodysplastic syndromes (HR-MDS): 5F9005 phase 1b study results.
First Author: David Andrew Sallman, MD
- Board 249 ABSTRACT 7018: A phase Ib/II study of ivosidenib with venetoclax +/- azacitidine in IDH1-mutated hematologic malignancies.
First Author: Curtis Andrew Lachowicz, MD
- Board 250 ABSTRACT 7019: Molecular characterization of clinical response in patients with newly diagnosed acute myeloid leukemia treated with ivosidenib + azacitidine compared to placebo + azacitidine.
First Author: Stéphane De Botton, MD, PhD
- Board 251 ABSTRACT 7020: Tolerability and efficacy of the first-in-class anti-CD47 antibody magrolimab combined with azacitidine in frontline TP53m AML patients: Phase 1b results.
First Author: Naval Guastad Daver, MD
- Board 252 ABSTRACT 7021: Enrichment of high-risk innate immune cells in Hispanic and Black children with B-acute lymphoblastic leukemia.
First Author: Julie R. Gilbert, MD
- Board 253 ABSTRACT 7022: Mutational landscape and clinical characterization of over 17,000 patients with myeloid malignancies using real-world data.
First Author: Taylor J. Jensen, PhD
- Board 254 ABSTRACT 7023: Updated efficacy and safety report of a phase I trial of donor-derived CD7 CAR T cells for T-cell acute lymphoblastic leukemia.
First Author: Jing Pan, MD
- Board 255 ABSTRACT 7024: Phase 1/2 study of SEL24/MEN1703, a first-in-class dual PIM/FLT3 kinase inhibitor, in patients with IDH1/2-mutated acute myeloid leukemia: The DIAMOND-01 trial.
First Author: Giovanni Martinelli, MD
- Board 256 ABSTRACT 7025: BTX-1188, a first-in-class dual degrader of GSPT1 and IKZF1/3, for treatment of acute myeloid leukemia (AML) and solid tumors.
First Author: Aparajita Hoskote Chourasia, PhD
- Board 257 ABSTRACT 7026: Acute myeloid leukemia with KMT2Ar and association with risk of bleeding and early mortality.
First Author: Daniel Nguyen, MD, PhD
- Board 258 ABSTRACT 7027: A phase 1b/2 study of TP-0903 and decitabine targeting mutant TP53 and/or complex karyotype in patients with untreated acute myeloid leukemia \geq age 60 years: Phase 1b interim results.
First Author: Alice S. Mims, MD
- Board 259 ABSTRACT 7028: Phase I study of donor-derived CD5 CAR T cells in patients with relapsed or refractory T-cell acute lymphoblastic leukemia.
First Author: Jing Pan, MD
- Board 260 ABSTRACT 7029: Assessing eligibility for non-intensive chemotherapy (IC) randomized clinical trials (RCT) in patients (pts) with newly diagnosed (ND) AML from the Connect Myeloid Disease Registry.
First Author: Harry Paul Erba, MD, PhD
- Board 261 ABSTRACT 7030: Safety and efficacy of casein kinase 1 and cyclin dependent kinase 7/9 inhibition in patients with relapsed or refractory AML: A first-in-human study of BTX-A51.
First Author: Brian Ball, MD, MS

- Board 262 ABSTRACT 7031: Lower-intensity CPX-351 + venetoclax for patients with newly diagnosed AML who are unfit for intensive chemotherapy. First Author: Geoffrey L. Uy, MD
- Board 263 ABSTRACT 7032: Health-related quality of life (HRQoL) with enasidenib versus conventional care regimens in older patients with late-stage mutant-*IDH2* relapsed or refractory acute myeloid leukemia (R/R AML). First Author: Courtney Denton Dinardo, MD
- Board 264 ABSTRACT 7033: Targeting signaling pathways vulnerabilities for the treatment of IKZF1-deleted ph-negative B lymphoblastic leukemia. First Author: Rohit Gupta, MD
- Board 265 ABSTRACT 7034: A phase II study of hyper-CVAD with sequential blinatumomab (Blina), with or without inotuzumab ozogamicin (INO), in adults with newly diagnosed B-cell acute lymphoblastic leukemia (ALL). First Author: Nicholas James Short, MD
- Board 266 ABSTRACT 7035: Autologous CD7-targeted CAR T-cell therapy for refractory or relapsed T-cell acute lymphoblastic leukemia/lymphoma. First Author: Liping Zhao, MD
- Board 267 ABSTRACT 7036: Quizartinib (QUIZ) with decitabine (DAC) and venetoclax (VEN) is active in patients (pts) with FLT3-ITD mutated acute myeloid leukemia (AML): A phase I/II clinical trial. First Author: Musa Yilmaz, MD
- Board 268 ABSTRACT 7037: Phase 2 study of ASTX727 (cedazuridine/decitabine) plus venetoclax (ven) in patients with relapsed/refractory acute myeloid leukemia (AML) or previously untreated, elderly patients (pts) unfit for chemotherapy. First Author: Farhad Ravandi, MD
- Board 269 ABSTRACT 7038: Impact of induction approach on post-stem cell transplant (SCT) outcomes in older adults with newly diagnosed acute myeloid leukemia (AML). First Author: Faustine Ong, MD
- Board 270 ABSTRACT 7039: Donor-derived T cells specific for tumor antigen and multiple pathogens for prevention of relapse and infection after haemopoietic stem cell transplant (HSCT) for myeloid malignancies (the INTACT trial). First Author: Wei Jiang, MBBS, FRACP, FRCPA
- Board 271 ABSTRACT 7040: Long-term outcomes of newly diagnosed CRLF2 rearranged B-cell ALL. First Author: Jayastu Senapati, MD, DM
- Board 272 ABSTRACT 7041: Decreasing HPK1 expression in CD19 CAR-T cells: A novel strategy to overcome challenges of cell therapy for adult (r/r) B-ALL. First Author: Na Zhang, MD, PhD
- Board 273 ABSTRACT 7042: Hematologic improvements with ivosidenib + azacitidine compared to placebo + azacitidine in patients with newly diagnosed acute myeloid leukemia. First Author: Hartmut Dohner, MD
- Board 274 ABSTRACT 7043: V-FAST master trial: Preliminary results of treatment with CPX-351 plus midostaurin in adults with newly diagnosed FLT3-mutated acute myeloid leukemia. First Author: James K. McCloskey, MD
- Board 275 ABSTRACT 7044: Efficacy and safety of venetoclax in combination with azacitidine or decitabine in an outpatient setting in patients with untreated acute myeloid leukemia. First Author: Sudhir Manda, MD, FACP
- Board 276 ABSTRACT 7045: Incorporating patient-reported outcome data into a hematopoietic cell transplant survival calculator. First Author: Bronwen E. Shaw, MD, PhD
- Board 277 ABSTRACT 7046: Association of frailty with clinical and financial outcomes of allogeneic hematopoietic stem cell transplant. First Author: Sara Sakowitz, MS, MPH
- Board 278 ABSTRACT 7047: Non-myeloablative allogeneic blood or marrow transplantation (AlloBMT) with post-transplant cyclophosphamide (PTCy) for peripheral T-cell lymphoma (PTCL): Improved outcomes with peripheral blood (PB) allografts and increased total body irradiation (TBI) to 400 cGy. First Author: Cole Harris Sterling, MD
- Board 279 ABSTRACT 7048: Impact of prior solid tumor on outcomes of allogeneic hematopoietic stem cell transplantation for AML or MDS. First Author: Aya Albittar
- Board 280 ABSTRACT 7049: Bosutinib (BOS) in newly diagnosed chronic myeloid leukemia (CML): Gastrointestinal (GI), liver, effusion, and renal safety characterization in the BFORE trial. First Author: Jorge E. Cortes, MD
- Board 281 ABSTRACT 7050: Treatment-free remission (TFR) in patients with chronic myeloid leukemia (CML) following the discontinuation of tyrosine kinase inhibitors. First Author: Fadi Haddad, MD
- Board 282 ABSTRACT 7051: Comparison of demographics, disease characteristics, and outcomes between African American patients and White patients with myelodysplastic syndrome: A population-based study. First Author: Arnaud Lesegretain
- Board 283 ABSTRACT 7052: Anti-PD-1 antibody (sintilimab) plus decitabine as first-line treatment for patients with higher-risk myelodysplastic syndrome (MDS): Preliminary results from a single-arm, open-label, phase II study. First Author: Jing Wang
- Board 284 ABSTRACT 7053: Ivosidenib in patients with IDH1-mutant relapsed/refractory myelodysplastic syndrome (R/R MDS): Updated enrollment and results of a phase 1 dose-escalation and expansion substudy. First Author: David Andrew Sallman, MD
- Board 285 ABSTRACT 7054: Impact of magrolimab treatment in combination with azacitidine on red blood cells in patients with higher-risk myelodysplastic syndrome (HR-MDS). First Author: James Yuhtyng Chen, MD, PhD
- Board 286 ABSTRACT 7055: Hyperferritinemia as predictive biomarker of poor clinical outcomes in CMML. First Author: Luis E. Aguirre, MD
- Board 287 ABSTRACT 7056: Long-term utilization and benefit of luspatercept in patients (pts) with lower-risk myelodysplastic syndromes (LR-MDS) from the MEDALIST trial. First Author: Pierre Fenaux, MD, PhD
- Board 288 ABSTRACT 7057: Therapy related myeloid neoplasms (t-MNs) following PARP inhibitors (PARPi): Real-life experience. First Author: Vincent Marmouset
- Board 289 ABSTRACT 7058: Risk-adjusted safety analysis of pacritinib (PAC) in patients (pts) with myelofibrosis (MF). First Author: Naveen Pemmaraju, MD
- Board 290 ABSTRACT 7059: Evaluation of serum vascular endothelial growth factor as a biomarker in Erdheim-Chester disease. First Author: Anais Roeser
- Board 291 ABSTRACT 7060: A phase 1, open-label, dose-escalation study of selinexor plus ruxolitinib in patients with treatment-naïve myelofibrosis. First Author: Haris Ali, MD
- Board 292 ABSTRACT 7061: Thrombocytopenic myelofibrosis (MF) patients previously treated with a JAK inhibitor in a phase 3 randomized study of momelotinib (MMB) versus danazol (DAN) [MOMENTUM]. First Author: Aaron Thomas Gerds, MD, MS
- Board 293 ABSTRACT 7062: Lisocabtagene maraleucel (liso-cel) as second-line (2L) therapy for R/R large B-cell lymphoma (LBCL) in patients (pt) not intended for hematopoietic stem cell transplantation (HSCT): Primary analysis from the phase 2 PILOT study. First Author: Alison Sehgal, MD
- Board 294a ABSTRACT TPS7063: An open-label, multicenter, phase 1b/2 study of navtemadlin (KRT-232) in patients with relapsed/refractory acute myeloid leukemia secondary to myeloproliferative neoplasms. First Author: Raajit Rampal, MD, PhD
- Board 294b ABSTRACT TPS7064: COVALENT-101: A phase 1 study of BMF-219, a novel oral irreversible menin inhibitor, in patients with relapsed/refractory (R/R) acute leukemia (AL), diffuse large B-cell lymphoma (DLBCL), and multiple myeloma (MM). First Author: Farhad Ravandi, MD
- Board 295a ABSTRACT TPS7065: Tamibarotene in combination with venetoclax and azacitidine in previously untreated adult patients selected for RARA-positive AML who are ineligible for standard induction therapy (SELECT AML-1). First Author: Eytan Stein, MD
- Board 295b ABSTRACT TPS7066: Phase 1/2, open-label, dose-escalation, dose-expansion study of menin inhibitor DSP-5336 in adult patients with acute leukemia with and without mixed-lineage leukemia (MLL)-rearrangement (r) or nucleophosmin 1 (NPM1) mutation (m). First Author: Naval Guastad Daver, MD
- Board 296a ABSTRACT TPS7067: Lemzoparlimab (Iemzo) with venetoclax (ven) and/or azacitidine (aza) in patients (pts) with acute myeloid leukemia (AML) or myelodysplastic syndromes (MDS): A phase 1b dose escalation study. First Author: Naval Guastad Daver, MD
- Board 296b ABSTRACT TPS7068: Oral azacitidine plus venetoclax in patients with relapsed/refractory or newly diagnosed acute myeloid leukemia: The phase 1b OMNIVERSE trial. First Author: Farhad Ravandi, MD

- Board 297a ABSTRACT TPS7069: Phase 1B/2A safety, pharmacokinetics, and pharmacodynamics study of fosciclopirox alone and in combination with cytarabine in patients with relapsed/refractory acute myeloid leukemia.
First Author: Tara L. Lin, MD, MS
- Board 297b ABSTRACT TPS7070: A phase 1 study of CD38-bispecific antibody (XmAb18968) for patients with CD38 expressing relapsed/refractory acute myeloid leukemia and T-cell acute lymphoblastic leukemia.
First Author: Guru Subramanian Guru Murthy, MD
- Board 298a ABSTRACT TPS7071: Phase 1 study of LP-108 as monotherapy and in combination with azacitidine in patients with relapsed or refractory myelodysplastic syndromes (MDS), chronic myelomonocytic leukemia (CMML), or acute myeloid leukemia (AML).
First Author: Alison R. Walker, MD
- Board 298b ABSTRACT TPS7072: Emotion and symptom-focused engagement (EASE): A multisite randomized controlled trial of an intervention for individuals with acute leukemia.
First Author: Kyle Fitzgibbon, MSc, BSc
- Board 299a ABSTRACT TPS7073: A phase II study of CPX-351 in younger patients < 60 years old with secondary acute myeloid leukemia: Trial in progress.
First Author: Mahesh Swaminathan, MD
- Board 299b ABSTRACT TPS7074: A phase 1b study to evaluate safety, tolerability, pharmacokinetics, and efficacy of SER-155 in adults undergoing hematopoietic stem cell transplantation to reduce the risk of infection and graft versus host disease (NCT04995653).
First Author: Doris M. Ponce
- Board 300a ABSTRACT TPS7075: A randomized, double-blind, placebo-controlled study of tamibarotene/azacitidine versus placebo/azacitidine in newly diagnosed adult patients selected for RARA+ HR-MDS (SELECT-MDS-1).
First Author: Amy Elizabeth Dezern, MD
- Board 300b ABSTRACT TPS7076: Phase II trial assessing safety and preliminary efficacy of high-dose intravenous ascorbic acid in patients with TET2-mutant clonal cytopenias of undetermined significance.
First Author: Zhuoer Xie, MD, MS
- Board 301a ABSTRACT TPS7077: A phase 1 study of NTX-301, an oral DNMT1 inhibitor, in patients with MDS and AML (trial in progress).
First Author: Pankit Vachhani, MD
- Board 301b ABSTRACT TPS7078: Pediatric and young adult leukemia adoptive therapy (PLAT)-08: A phase 1 study of SC-DARIC33 in pediatric and young adults with relapsed or refractory CD33+ AML.
First Author: Todd Michael Cooper, DO
- Board 302a ABSTRACT TPS7080: Phase II trial of luspatercept with or without hydroxyurea for the treatment of patients with myelodysplastic/myeloproliferative neoplasms with ring sideroblasts and thrombocytosis or unclassifiable with ring sideroblasts.
First Author: Abhishek Avinash Mangaonkar, MBBS

Saturday, June 4

8:00 AM - 11:00 AM | Hall A

Hematologic Malignancies—Lymphoma and Chronic Lymphocytic Leukemia

Abstracts on Boards 164-175 will be discussed during the Hematologic Malignancies—Lymphoma and Chronic Lymphocytic Leukemia Poster Discussion Session.

Posters by Topic

Cell Therapy, Bispecific Antibodies, and Autologous Stem Cell Transplantation for NHL, HL, or CLL: *Boards 176-190*

Chronic Lymphocytic Leukemia (CLL): *Boards 173, 191-197*

Hodgkin Lymphoma: *Boards 168-170, 198*

Non-Hodgkin Lymphoma: *Boards 164-167, 171-172, 174-175, 199-228*

Other: *Boards 229-230*

Trials in Progress: *Boards 231a-239b*

- Board 164 ABSTRACT 7510: Zanubrutinib plus obinutuzumab (ZO) versus obinutuzumab (O) monotherapy in patients (pts) with relapsed or refractory (R/R) follicular lymphoma (FL): Primary analysis of the phase 2 randomized ROSEWOOD trial.
First Author: Pier Luigi Zinzani, MD
- Board 165 ABSTRACT 7511: Efficacy and safety of zandelisib administered by intermittent dosing (ID) in patients with relapsed or refractory (R/R) follicular lymphoma (FL): Primary analysis of the global phase 2 study TIDAL.
First Author: Andrew David Zelenetz, MD, PhD

- Board 166 ABSTRACT 7512: Subcutaneous rituximab induction followed by short rituximab maintenance to improve progression-free survival in patients with low-tumor burden follicular lymphoma: Final results of FLIRT phase III trial, a LYSA study.
First Author: Guillaume Cartron
- Board 167 ABSTRACT 7513: Interim results of a phase II multicenter study with the oral histone deacetylase inhibitor abexinostat in patients with relapsed/refractory follicular lymphoma.
First Author: Lin Gui, MD, PhD
- Board 168 ABSTRACT 7514: Real-world outcomes of brentuximab vedotin maintenance after autologous stem cell transplant in relapsed/refractory classical Hodgkin lymphoma: Is less enough?
First Author: Charlotte Burton Wagner, PharmD, BCOP
- Board 169 ABSTRACT 7515: Outcomes of classic Hodgkin lymphoma, relapsed within one year of diagnosis, in the era of novel agents.
First Author: Sanjal Desai, MD
- Board 170 ABSTRACT 7516: Favezelimab (anti-LAG-3) plus pembrolizumab in patients with anti-PD-1-naïve relapsed or refractory (R/R) classical Hodgkin lymphoma (cHL): An open-label phase 1/2 study.
First Author: Nathalie A. Johnson, MD, PhD
- Board 171 ABSTRACT 7517: Outcomes by BCL2 and MYC expression and rearrangements in untreated diffuse large B-cell lymphoma (DLBCL) from the POLARIX trial.
First Author: Franck Morschhauser
- Board 172 ABSTRACT 7518: Three-year follow-up of outcomes with KTE-X19 in patients with relapsed/refractory mantle cell lymphoma in ZUMA-2.
First Author: Michael Wang, MD
- Board 173 ABSTRACT 7519: Fixed-duration (FD) ibrutinib (I) + venetoclax (V) for first-line (1L) treatment (tx) of chronic lymphocytic leukemia (CLL)/small lymphocytic lymphoma (SLL): Three-year follow-up from the FD cohort of the phase 2 CAPTIVATE study.
First Author: William G. Wierda, MD, PhD
- Board 174 ABSTRACT 7520: Phase 1/2 study of zilovertamab and ibrutinib in mantle cell lymphoma (MCL) or chronic lymphocytic leukemia (CLL).
First Author: Hun Ju Lee, MD
- Board 175 ABSTRACT 7521: ASPEN: Long-term follow-up results of a phase 3 randomized trial of zanubrutinib (ZANU) versus ibrutinib (IBR) in patients with Waldenström macroglobulinemia (WM).
First Author: Constantine Si Lun Tam, MD, FRCPA
- Board 176 ABSTRACT 7522: Phase 1/2 study of anbalcabtogene autoleucel, novel anti-CD19 CAR-T cell therapy with dual silencing of PD-1 and TIGIT in relapsed or refractory large B-cell lymphoma.
First Author: Won Seog Kim, MD, PhD
- Board 177 ABSTRACT 7523: First-line treatment (Tx) with subcutaneous (SC) epcoritamab (epco) + R-CHOP in patients (pts) with high-risk diffuse large B-cell lymphoma (DLBCL): Phase 1/2 data update.
First Author: Lorenzo Falchi, MD
- Board 178 ABSTRACT 7524: Subcutaneous epcoritamab with rituximab + lenalidomide (R2) in patients (pts) with relapsed or refractory (R/R) follicular lymphoma (FL): Update from phase 1/2 trial.
First Author: Lorenzo Falchi, MD
- Board 179 ABSTRACT 7525: SHR2554, an enhancer of zeste homolog 2 (EZH2) inhibitor, in relapsed or refractory (r/r) mature lymphoid neoplasms: A first-in-human phase 1 study.
First Author: Yuqin Song, MD
- Board 180 ABSTRACT 7526: Characterization of CD20 expression loss as a mechanism of resistance to mosunetuzumab in patients with relapsed/refractory B-cell non-Hodgkin lymphomas.
First Author: Stephen J. Schuster, MD
- Board 181 ABSTRACT 7527: Epcoritamab (epco) with gemcitabine + oxaliplatin (GemOx) in patients (pts) with relapsed or refractory (R/R) diffuse large B-cell lymphoma (DLBCL) ineligible for autologous stem cell transplant (ASCT) induces high response rate even in pts failing CAR T therapy.
First Author: Joshua Brody, MD
- Board 182 ABSTRACT 7528: Subcutaneous epcoritamab + R-DHAX/C in patients (pts) with relapsed or refractory (R/R) diffuse large B-cell lymphoma (DLBCL) eligible for autologous stem cell transplant (ASCT): Preliminary phase 1/2 results.
First Author: Pau Abrisqueta, MD, PhD
- Board 183 ABSTRACT 7529: Two-year follow-up result of RELIANCE study, a multicenter phase 2 trial of relmacabtogene autoleucel in Chinese patients with relapsed/refractory large B-cell lymphoma.
First Author: Zhitao Ying, MD

- Board 184 ABSTRACT 7530: Demographics and treatment outcomes in patients with EBV+ PTLD treated with off-the-shelf EBV-specific CTL under an ongoing expanded access program in Europe: First analyses.
First Author: Sylvain Choquet, MD
- Board 185 ABSTRACT 7531: Molecular disease monitoring in patients with relapsed/refractory B-cell non-Hodgkin lymphoma receiving anti-CD19 CAR T-cell therapy.
First Author: Meryl D. Colton, MD, MSc
- Board 186 ABSTRACT 7532: Autologous hematopoietic stem cell transplantation in tandem with anti-CD30 CAR T-cell infusion in relapsed/refractory CD30+ lymphoma.
First Author: Xiuxiu Yang
- Board 187 ABSTRACT 7534: Standard chemotherapy followed by allogeneic or autologous transplantation: The role of allogeneic transplantation in the AATT study.
First Author: Norbert Schmitz, MD
- Board 188 ABSTRACT 7535: First-in-human phase I study of a ROR1-targeting bispecific T-cell engager (NVG-111) shows evidence of efficacy in patients with relapsed/refractory CLL and MCL.
First Author: Parag Jasani
- Board 189 ABSTRACT 7536: Real-world analysis of safety and efficacy of CAR T-cell therapy in patients with lymphoma with decreased renal function.
First Author: Omar Mamlouk, MD
- Board 190 ABSTRACT 7537: Cost-effectiveness of CD19 chimeric antigen receptor T-cell (CAR-T) therapy versus autologous stem cell transplantation (ASCT) for high-risk diffuse large B-cell lymphoma (DLBCL) in first relapse.
First Author: Amar Harry Kelkar, MD, FACP
- Board 191 ABSTRACT 7538: Acalabrutinib versus rituximab plus idelalisib or bendamustine in relapsed/refractory chronic lymphocytic leukemia: ASCEND results at 4 years of follow-up.
First Author: Wojciech Jurczak, MD, PhD
- Board 192 ABSTRACT 7539: Acalabrutinib ± obinutuzumab versus obinutuzumab + chlorambucil in treatment-naïve chronic lymphocytic leukemia: Five-year follow-up of ELEVATE-TN.
First Author: Jeff Porter Sharman, MD
- Board 193 ABSTRACT 7540: Four-year follow-up from a phase 2 study of obinutuzumab, ibrutinib, and venetoclax in CLL.
First Author: Kerry Anne Rogers, MD
- Board 194 ABSTRACT 7541: Preclinical activity of irreversible Menin inhibitor, BMF-219, in chronic lymphocytic leukemia.
First Author: Priyanka Somanath, PhD
- Board 195 ABSTRACT 7542: Racial and socioeconomic disparities among patients with chronic lymphocytic leukemia: Analysis of Surveillance, Epidemiology, and End Results program data.
First Author: Adam Kittai, MD
- Board 196 ABSTRACT 7543: A phase Ib/II study of lisaftoclax (APG-2575), a novel BCL-2 inhibitor (BCL-2i), in patients (pts) with relapsed/refractory chronic lymphocytic leukemia or small lymphocytic lymphoma (R/R CLL/SLL).
First Author: Jianyong Li, MD, PhD
- Board 197 ABSTRACT 7544: Survival outcomes in patients with chronic lymphocytic leukemia treated at academic centers.
First Author: Victoria Vardell, MD
- Board 198 ABSTRACT 7545: Favezelimab (anti-LAG-3) plus pembrolizumab in patients with relapsed or refractory (R/R) classical Hodgkin lymphoma (cHL) after anti-PD-1 treatment: An open-label phase 1/2 study.
First Author: John Timmerman, MD
- Board 199 ABSTRACT 7546: Polatuzumab vedotin with dose-adjusted etoposide, cyclophosphamide, doxorubicin, and rituximab (Pola-DA-EPCH-R) for upfront treatment of aggressive B-cell non-Hodgkin lymphomas.
First Author: Ryan C. Lynch, MD
- Board 200 ABSTRACT 7547: Phase 1 dose escalation study of MH048, a novel and non-covalent BTK inhibitor in patients with relapsed or refractory B-cell malignancies.
First Author: Guoqing Cao, PhD
- Board 201 ABSTRACT 7548: Clinical and patient (pt)-reported outcomes (PROs) in a phase 3, randomized, open-label study evaluating axicabtagene ciloleucel (axi-cel) versus standard-of-care (SOC) therapy in elderly pts with relapsed/refractory (R/R) large B-cell lymphoma (LBCL; ZUMA-7).
First Author: Jason Westin, MD, MS, FACP
- Board 202 ABSTRACT 7549: Acalabrutinib in patients with relapsed/refractory (R/R) marginal zone lymphoma (MZL): Results of a phase 2, multicenter, open-label trial.
First Author: L. Elizabeth Budde, MD, PhD
- Board 203 ABSTRACT 7550: Impact of bone marrow involvement in patients with peripheral T-cell lymphoma undergoing autologous stem cell transplant.
First Author: Robert Stuver, MD
- Board 204 ABSTRACT 7551: Initial safety run-in results of the phase III POLARGO trial: Polatuzumab vedotin plus rituximab, gemcitabine, and oxaliplatin in patients (pts) with relapsed/refractory diffuse large B-cell lymphoma (R/R DLBCL).
First Author: Matthew J. Matasar, MD
- Board 205 ABSTRACT 7552: Tislelizumab, a PD-1 inhibitor for relapsed/refractory mature T/NK-cell neoplasms: Results from a phase 2 study.
First Author: Emmanuel Bachy, MD, PhD
- Board 206 ABSTRACT 7553: Long-term outcomes and circulating tumor DNA analysis from a phase I/II study of lenalidomide and obinutuzumab with CHOP for newly diagnosed diffuse large B-cell lymphoma.
First Author: Hua-Jay Jeffery Cherng, MD
- Board 207 ABSTRACT 7554: Treatment patterns and real-world effectiveness of rituximab maintenance in older patients with mantle cell lymphoma: A population-based analyses.
First Author: Mengyang Di, MD, PhD
- Board 208 ABSTRACT 7555: Quality-adjusted time without symptoms or toxicities (Q-TWiST) analysis of ZUMA-7, a randomized controlled trial of axicabtagene ciloleucel versus standard of care for second-line large B-cell lymphoma.
First Author: Marie José Kersten, MD, PhD
- Board 209 ABSTRACT 7556: In-field recurrences in relapsed/refractory (R/R) B-cell non-Hodgkin lymphoma (NHL) bridged with radiation prior to CD19 chimeric antigen receptor T-cell therapy (CART).
First Author: Omran Saifi, MD
- Board 211 ABSTRACT 7558: Asia subpopulation analysis from the phase III POLARIX trial.
First Author: Yuqin Song, MD
- Board 212 ABSTRACT 7559: Brentuximab vedotin in combination with lenalidomide and rituximab in patients with relapsed/refractory diffuse large B-cell lymphoma: Safety and efficacy results from the safety run-in period of the phase 3 ECHELON-3 study.
First Author: Nancy L. Bartlett, MD
- Board 213 ABSTRACT 7560: Subgroup analysis in RE-MIND2, an observational, retrospective cohort study of tafasitamab plus lenalidomide versus systemic therapies in patients with relapsed/refractory diffuse large B-cell lymphoma (R/R DLBCL).
First Author: Grzegorz S. Nowakowski, MD
- Board 214 ABSTRACT 7561: Analysis of peripheral neuropathy (PN) using clinician- and patient-reported outcomes (ClinRO and PRO) in the POLARIX study.
First Author: Marek Trneny
- Board 215 ABSTRACT 7562: Methylated DNA markers in early detection of lymphoma: Discovery, validation, and clinical pilot.
First Author: Thomas E. Witzig, MD
- Board 216 ABSTRACT 7563: A phase I/II study of golidocitinib, a selective JAK1 inhibitor, in refractory or relapsed peripheral T-cell lymphoma.
First Author: Won Seog Kim, MD, PhD
- Board 217 ABSTRACT LBA7564: Results of the DIAL study (NCI 10089), a randomized phase 2 trial of varlilumab combined with nivolumab in patients with relapsed/refractory aggressive B-cell non-Hodgkin lymphoma (r/r B-NHL).
First Author: Jose Caetano Villasboas, MD
- Board 218 ABSTRACT 7565: Association of pretreatment (preTx) tumor characteristics and clinical outcomes following second-line (2L) axicabtagene ciloleucel (axi-cel) versus standard of care (SOC) in patients (pts) with relapsed/refractory (R/R) large B-cell lymphoma (LBCL).
First Author: Frederick L. Locke, MD
- Board 219 ABSTRACT 7566: Bendamustine rituximab (BR) versus ibrutinib (Ibr) as primary therapy for Waldenström macroglobulinemia (WM): An international collaborative study.
First Author: Jithma P. Abeykoon, MD
- Board 220 ABSTRACT 7567: Axicabtagene ciloleucel (axi-cel) in combination with rituximab (Rtx) for the treatment (Tx) of refractory large B-cell lymphoma (R-LBCL): Outcomes of the phase 2 ZUMA-14 study.
First Author: Paolo Strati, MD
- Board 221 ABSTRACT 7568: Cost effectiveness of polatuzumab vedotin in combination with chemoimmunotherapy (Pola-R-CHP) in previously untreated diffuse large B-cell lymphoma.
First Author: Swetha Kambhampati, MD

- Board 222 ABSTRACT 7569: Prospective evaluation of the prognostic value of circulating tumor DNA in patients with follicular lymphoma: A pilot study. First Author: Ismael Fernández-Miranda
- Board 223 ABSTRACT 7570: The utility of the novel optimized HLH inflammatory (OHI) index for predicting the risk for mortality and causes of death in lymphoma. First Author: Adi Zoref Lorenz, MD
- Board 224 ABSTRACT 7572: Updated interim analysis of the randomized phase 1b/3 study of tazemetostat in combination with lenalidomide and rituximab in patients with relapsed/refractory follicular lymphoma. First Author: Connie Lee Batlevi, MD, PhD
- Board 225 ABSTRACT 7573: Therapy for patients with POD24 follicular lymphoma: Treatment patterns and outcomes from the Lymphoma Epidemiology of Outcomes (LEO) Consortium. First Author: Carla Casulo, MD
- Board 226 ABSTRACT 7574: A phase II, multicenter, single-arm study of pascalisib, a PI3K δ inhibitor, in relapsed or refractory follicular lymphoma in China: Updated data from the study. First Author: Zhong Zheng, PhD
- Board 227 ABSTRACT 7575: Open-label, dose-escalation, and expansion trial of CA-4948 in combination with ibrutinib in patients with relapsed or refractory hematologic malignancies. First Author: Erel Joffe, MD, MSc
- Board 228 ABSTRACT 7576: DLBCL cell of origin typing and whole transcriptome analysis using single slides with HTG EdgeSeq. First Author: Matthew Loya, BS
- Board 229 ABSTRACT 7577: Impact of sex on outcomes in patients with hairy cell leukemia (HCL): An HCL Patient Data Registry (PDR) analysis. First Author: Narendranath Epperla, MD, MS
- Board 230 ABSTRACT 7578: Phase I study of the anti-BTLA antibody icatolimab as a single agent or in combination with toripalimab in relapsed/refractory lymphomas. First Author: Jun Ma, MD
- Board 231a ABSTRACT TPS7579: KITE-363: A phase 1 study of an autologous anti-CD19/CD20 chimeric antigen receptor (CAR) T-cell therapy in patients with relapsed/refractory (R/R) B-cell lymphoma (BCL). First Author: Loretta J. Nastoupil, MD
- Board 231b ABSTRACT TPS7580: CRC-403: A phase 1/2 study of bbT369, a dual targeting CAR T-cell drug product with a gene edit, in relapsed and/or refractory B-cell non-Hodgkin lymphoma (NHL). First Author: Frederick L. Locke, MD
- Board 232a ABSTRACT TPS7581: A first-in-human phase 1 trial of NX-2127, a first-in-class oral BTK degrader with IMiD-like activity, in patients with relapsed and refractory B-cell malignancies. First Author: Anthony Mato, MD
- Board 232b ABSTRACT TPS7582: A first-in-human phase 1 study of oral LOXO-338, a selective BCL2 inhibitor, in patients with advanced hematologic malignancies (trial in progress). First Author: Lindsey Elizabeth Roeker, MD
- Board 233a ABSTRACT TPS7583: inMIND: A phase 3 study of tafasitamab plus lenalidomide and rituximab versus placebo plus lenalidomide and rituximab for relapsed/refractory follicular or marginal zone lymphoma. First Author: Laurie Helen Sehn, MD, MPH
- Board 233b ABSTRACT TPS7584: Sequential pembrolizumab (pembro) and chemotherapy (chemo) in newly diagnosed, early unfavorable, or advanced-stage classical Hodgkin lymphoma (cHL): The phase 2 KEYNOTE-C11 study. First Author: Jane N. Winter, MD
- Board 234a ABSTRACT TPS7585: KEYNOTE B68: Open-label phase 2 study of the efficacy and safety of pembrolizumab administered every six weeks in patients with relapsed or refractory classical Hodgkin lymphoma or primary mediastinal B-cell lymphoma. First Author: Philippe Armand, MD, PhD
- Board 234b ABSTRACT TPS7586: A novel microbial-derived peptide therapeutic vaccine (EO2463) as monotherapy and in combination with lenalidomide and rituximab, for treatment of patients with indolent non-Hodgkin lymphoma (SIDNEY). First Author: Pier Luigi Zinzani, MD
- Board 235a ABSTRACT TPS7587: Frontline treatment of follicular lymphoma with atezolizumab and obinutuzumab, with and without radiotherapy (The FLUORO study). First Author: Eliza Anne Hawkes, MD, MBBS, FRACP

- Board 235b ABSTRACT TPS7588: CELESTIMO: A phase III trial evaluating the efficacy and safety of mosunetuzumab plus lenalidomide versus rituximab plus lenalidomide in patients with relapsed or refractory follicular lymphoma who have received ≥ 1 line of systemic therapy. First Author: Loretta J. Nastoupil, MD
- Board 236a ABSTRACT TPS7589: Brentuximab vedotin and nivolumab alone and then combined with rituximab, cyclophosphamide, doxorubicin, and prednisone for frontline therapy of patients with primary mediastinal large B-cell lymphoma. First Author: Raphael Eric Steiner, MD
- Board 236b ABSTRACT TPS7590: frontMIND: A phase III, randomized, double-blind study of tafasitamab + lenalidomide + R-CHOP versus R-CHOP alone for newly diagnosed high-intermediate and high-risk diffuse large B-cell lymphoma. First Author: Umberto Vitolo, MD
- Board 237a ABSTRACT TPS7591: Phase 3 randomized study of loncastuximab tesirine in combination with rituximab (Lonca-R) versus immunochemotherapy in patients with R/R DLBCL (LOTIS-5). First Author: Mehdi Hamadani, MBBS
- Board 237b ABSTRACT TPS7592: Open-label, active-control, phase 2/3 study of zilovertamab vedotin plus standard of care in patients with relapsed or refractory diffuse large B-cell lymphoma. First Author: Patrick Wayne Cobb, MD, FACP
- Board 238a ABSTRACT TPS7593: Alliance A059102: A randomized phase II U.S. intergroup study of CHO(E)P versus CC-486-CHO(E)P versus duvelisib-CHO(E)P in previously untreated, CD30-negative, peripheral T-cell lymphomas. First Author: Neha Mehta-Shah, MD
- Board 238b ABSTRACT TPS7594: A phase I study of duvelisib in combination with oral azacitidine (CC-486) in relapsed lymphoid malignancies. First Author: Hayder Saeed, MD
- Board 239a ABSTRACT TPS7595: TTI-622-01: A phase 1a/1b dose-escalation and expansion trial of TTI-622 in patients with advanced hematologic malignancies, including diffuse large B-cell lymphoma (DLBCL). First Author: Krish Patel, MD
- Board 239b ABSTRACT TPS7596: Trial in progress: A phase 1b study evaluating the safety, tolerability, and preliminary anti-tumor activity of NT-17 (efineptakin alfa), a long-acting human IL-7, post-tisagenlecleucel in subjects with relapsed/refractory large B-cell lymphoma. First Author: Armin Ghobadi, MD

Saturday, June 4

8:00 AM - 11:00 AM | Hall A

Hematologic Malignancies—Plasma Cell Dyscrasia

Abstracts on Boards 435-445 will be discussed during the Hematologic Malignancies—Plasma Cell Dyscrasia Poster Discussion Session.

Posters by Topic

Cell Therapy, Bispecific Antibodies, and Autologous Stem Cell Transplantation for Plasma Cell Disorders: Board 446

Multiple Myeloma: Boards 435-445, 447-487

Plasma Cell Disorders: Boards 488-490

Trials in Progress: Boards 491a-495a

- Board 435 ABSTRACT 8011: Daratumumab (DARA) + lenalidomide, bortezomib, and dexamethasone (RVd) in transplant-eligible newly diagnosed multiple myeloma (NDMM): A post hoc analysis of sustained minimal residual disease (MRD) negativity from GRIFFIN. First Author: Cesar Rodriguez, MD
- Board 436 ABSTRACT 8012: A phase II study of daratumumab with weekly carfilzomib, pomalidomide, and dexamethasone in relapsed and refractory multiple myeloma. First Author: Andrew J. Yee, MD
- Board 437 ABSTRACT 8013: Efficacy and safety of teclistamab (tec), a B-cell maturation antigen (BCMA) x CD3 bispecific antibody, in patients (pts) with relapsed/refractory multiple myeloma (RRMM) after exposure to other BCMA-targeted agents. First Author: Cyrille Touzeau, MD, PhD
- Board 438 ABSTRACT 8014: Elranatamab, a BCMA-targeted T-cell redirecting immunotherapy, for patients with relapsed or refractory multiple myeloma: Updated results from MagnetisMM-1. First Author: Andrzej J. Jakubowiak, MD, PhD

- Board 439 ABSTRACT 8015: Efficacy and safety of talquetamab, a G protein-coupled receptor family C group 5 member D x CD3 bispecific antibody, in patients with relapsed/refractory multiple myeloma (RRMM): Updated results from MonumenTAL-1. First Author: Monique C. Minnema, MD, PhD
- Board 440 ABSTRACT 8016: Comparative efficacy of teclistamab (tec) versus current treatments (tx) in real-world clinical practice in the prospective LocoMMotion study in patients (pts) with triple-class exposed (TCE) relapsed/refractory multiple myeloma (RRMM). First Author: Niels W.C.J. van de Donk, MD, PhD
- Board 441 ABSTRACT 8017: Safety and clinical activity of belantamab mafodotin with lenalidomide plus dexamethasone in patients with relapsed/refractory multiple myeloma (RRMM): DREAMM-6 arm-A interim analysis. First Author: Hang Quach, MD
- Board 442 ABSTRACT 8018: Safety and clinical activity of belantamab mafodotin with pembrolizumab in patients with relapsed/refractory multiple myeloma (RRMM): DREAMM-4 Study. First Author: Attaya Suvannasankha, MD
- Board 443 ABSTRACT 8019: Synergistic effects of low-dose belantamab mafodotin in combination with a gamma-secretase inhibitor (nirogacestat) in patients with relapsed/refractory multiple myeloma (RRMM): DREAMM-5 study. First Author: Sagar Lonial, MD, FACP
- Board 444 ABSTRACT 8020: Biological correlative analyses and updated clinical data of ciltacabtagene autoleucel (cilta-cel), a BCMA-directed CAR-T cell therapy, in lenalidomide (len)-refractory patients (pts) with progressive multiple myeloma (MM) after 1–3 prior lines of therapy (LOT): CARTITUDE-2, cohort A. First Author: Hermann Einsele, MD
- Board 445 ABSTRACT 8021: Correlative analysis to define patient profiles associated with manufacturing and clinical endpoints in relapsed/refractory multiple myeloma (RRMM) patients treated with idecabtagene vicleucel (ide-cel; bb2121), an anti-BCMA CAR T cell therapy. First Author: Julie Rytlewski, PhD
- Board 446 ABSTRACT 8022: Prognostic value of early bone marrow MRD status in CAR-T therapy for myeloma. First Author: Radhika Bansal, MBBS
- Board 447 ABSTRACT 8023: Association of socioeconomic status with adherence to oral agents in patients with multiple myeloma. First Author: Wilbur Rutter, PharmD, PhD
- Board 448 ABSTRACT 8024: Pomalidomide, bortezomib, and dexamethasone in lenalidomide-pretreated multiple myeloma: A subanalysis of OPTIMISMM by frailty. First Author: Albert Oriol Rocafiguera, MD
- Board 449 ABSTRACT 8025: Subcutaneous (SC) isatuximab administration by an on-body delivery system (OBDS) in combination with pomalidomide-dexamethasone (Pd) in patients with relapsed/refractory multiple myeloma (RRMM): Interim phase 1b study results. First Author: Hang Quach, MD
- Board 450 ABSTRACT 8026: Safety and efficacy of daratumumab use in patients with renal impairment and hemodialysis. First Author: Mateusz Niewinski, PharmD, BPS
- Board 451 ABSTRACT 8027: Characteristics of long-surviving patients with multiple myeloma: Over 12 years of follow-up in the Connect MM Registry. First Author: Howard R. Terebelo, DO
- Board 452 ABSTRACT 8028: Phase 1b/2 study of ciltacabtagene autoleucel, a BCMA-directed CAR-T cell therapy, in patients with relapsed/refractory multiple myeloma (CARTITUDE-1): Two years post-LPI. First Author: Saad Zafar Usmani, MD, MBA, FACP
- Board 453 ABSTRACT 8029: Biological correlative analyses and updated clinical data of ciltacabtagene autoleucel (cilta-cel), a BCMA-directed CAR-T cell therapy, in patients with multiple myeloma (MM) and early relapse after initial therapy: CARTITUDE-2, cohort B. First Author: Niels W.C.J. van de Donk, MD, PhD
- Board 454 ABSTRACT 8030: Health-related quality of life (HRQoL) in patients with relapsed/refractory multiple myeloma (RRMM) receiving real-life current standard of care (SOC) in the LocoMMotion study. First Author: Michel Delforge, MD
- Board 455 ABSTRACT 8031: Subgroup analyses in patients with relapsed/refractory multiple myeloma (RRMM) receiving real-life current standard of care (SOC) in the LocoMMotion study. First Author: Hermann Einsele, MD
- Board 456 ABSTRACT 8032: A novel, immunotherapy-based approach for the treatment of relapsed/refractory multiple myeloma (RRMM): Updated phase 1b results for daratumumab in combination with teclistamab (a BCMA x CD3 bispecific antibody). First Author: Paula Rodríguez-Otero, MD, PhD
- Board 457 ABSTRACT 8033: Health-related quality of life in patients with relapsed/refractory multiple myeloma (RRMM) treated with teclistamab, a B-cell maturation antigen (BCMA) x CD3 bispecific antibody: Patient-reported outcomes in MajesTEC-1. First Author: Thomas G. Martin, MD
- Board 458 ABSTRACT 8034: Indirect treatment (tx) comparison of teclistamab (tec) in MajesTEC-1 versus physician's choice of therapy in the long-term follow-up of the CASTOR, POLLUX, EQUULEUS, and APOLLO trials in patients (pts) with triple-class exposed (TCE), relapsed/refractory multiple myeloma (RRMM). First Author: Maria-Victoria Mateos, PhD
- Board 459 ABSTRACT 8035: Matching-adjusted indirect treatment comparison (MAIC) of teclistamab (tec) versus belantamab mafodotin (belamaf) for the treatment of patients (pts) with triple-class exposed (TCE), relapsed/refractory multiple myeloma (RRMM). First Author: Philippe Moreau, MD
- Board 460 ABSTRACT 8036: Comparative effectiveness of teclistamab versus real-world treatments for patients with triple-class exposed (TCE), relapsed/refractory multiple myeloma (RRMM). First Author: Amrita Y. Krishnan, MD
- Board 461 ABSTRACT 8037: Circulating tumor DNA analysis and association with relapse in patients with primary refractory multiple myeloma receiving secondary salvage therapy. First Author: Sridurga Mithraprabhu
- Board 462 ABSTRACT 8038: Prevalence of ocular comorbidities in patients with multiple myeloma: An analysis of U.S. claims data. First Author: Sikander Ailawadhi, MD
- Board 463 ABSTRACT 8039: Factors associated with dose adjustment for the bortezomib, lenalidomide, dexamethasone regimen among patients with newly diagnosed multiple myeloma. First Author: Tao Ran, PhD
- Board 464 ABSTRACT 8040: B-PRISM (Precision Intervention Smoldering Myeloma): A phase II trial of combination of daratumumab, bortezomib, lenalidomide, and dexamethasone in high-risk smoldering multiple myeloma. First Author: Omar Nadeem, MD
- Board 465 ABSTRACT 8041: Phase II study of the combination of daratumumab, ixazomib, pomalidomide, and dexamethasone as salvage therapy in relapsed/refractory multiple myeloma: Stage 2 interim results. First Author: Anupama Deepa Kumar
- Board 466 ABSTRACT 8042: Idecabtagene vicleucel (Ide-cel) chimeric antigen receptor (CAR) T-cell therapy for relapsed/refractory multiple myeloma (RRMM): Real-world experience. First Author: Doris K. Hansen, MD
- Board 467 ABSTRACT 8043: Demographic disparities in genomic data and clinical trials for multiple myeloma. First Author: Nidhi Aggarwal, BS
- Board 468 ABSTRACT 8044: Time to response, duration of response, and patient-reported outcomes (PROs) with daratumumab (DARA) plus lenalidomide and dexamethasone (D-Rd) versus lenalidomide and dexamethasone (Rd) alone in transplant-ineligible patients with newly diagnosed multiple myeloma (NDMM): Subgroup analysis of the phase 3 MAIA study. First Author: Thierry Facon, MD
- Board 469 ABSTRACT 8045: African American patients with smoldering multiple myeloma may have a lower risk of progression compared to White patients. First Author: Theresia Akhlaghi, MD
- Board 470 ABSTRACT 8046: A patient perspective on cure in multiple myeloma: A survey of over 1,500 patients. First Author: Ghulam Rehman Mohyuddin, MD
- Board 471 ABSTRACT 8047: Evaluating serum-free light chain ratio as a biomarker for multiple myeloma. First Author: Theresia Akhlaghi, MD
- Board 472 ABSTRACT 8048: Retrospective review of outcomes of patients with multiple myeloma with COVID-19 infection (two-center study). First Author: Hamid Ehsan, MD
- Board 473 ABSTRACT 8049: Kinetics of humoral immunodeficiency with bispecific antibody therapy in multiple myeloma. First Author: Lindsay Hammons, MD

- Board 474 ABSTRACT 8050: The association of agent orange (AO) exposure with monoclonal gammopathy of undetermined significance (MGUS) to multiple myeloma (MM) progression: A population-based study. First Author: Lawrence Liu, MD
- Board 475 ABSTRACT 8052: Daratumumab (DARA) in combination with bortezomib plus dexamethasone (D-Vd) or lenalidomide plus dexamethasone (D-Rd) in relapsed or refractory multiple myeloma (RRMM): Subgroup analysis of the phase 3 CASTOR and POLLUX studies in patients (pts) with early or late relapse after initial therapy. First Author: Andrew Spencer, MD, DM
- Board 476 ABSTRACT 8053: Outcomes for transplant-eligible, newly diagnosed Black patients (Pts) with multiple myeloma (MM): The Levine Cancer Institute (LCI) experience. First Author: Barry Paul, MD, MS
- Board 477 ABSTRACT 8054: Randomized phase II trial of bortezomib, lenalidomide, dexamethasone with/without elotuzumab for newly diagnosed, high risk multiple myeloma (SWOG-1211). First Author: Saad Zafar Usmani, MD, MBA, FACP
- Board 478 ABSTRACT 8055: Myeloma developing regimens using genomics (MyDRUG) trial: Results from the RAS mutation targeting arm. First Author: Shaji Kumar, MD
- Board 479 ABSTRACT 8056: Clinicopathological characteristics of high-risk multiple myeloma in Hispanic versus non-Hispanic patients in central California. First Author: Andrew Hwang, MD
- Board 480 ABSTRACT 8057: Impact of second primary malignancy post-autologous hematopoietic stem cell transplantation on outcomes of multiple myeloma: A CIBMTR analysis. First Author: Brittany K. Ragon, MD
- Board 481 ABSTRACT 8058: Early intervention for high-risk and low-risk of progression for patients with smoldering multiple myeloma. First Author: Nathan W. Sweeney, PhD
- Board 482 ABSTRACT 8059: Analysis of long-term outcomes in R-ISS stage 2 multiple myeloma with and without the presence of high-risk cytogenetics. First Author: Nisha Joseph, MD
- Board 483 ABSTRACT 8060: Retrospective, single-center, real-world experience of belantamab mafodotin in relapsed/refractory multiple myeloma. First Author: Melody Becnel, MD
- Board 484 ABSTRACT 8061: Updated survival with extended follow-up on patients with newly diagnosed multiple myeloma treated with lenalidomide, bortezomib, and dexamethasone (RVD) induction therapy and a risk-stratified maintenance approach. First Author: Rujul H Parikh, MD
- Board 485 ABSTRACT 8062: Clinical features of patients with multiple myeloma harboring t(4;14) and impact on long-term survival. First Author: Nisha Joseph, MD
- Board 486 ABSTRACT 8063: The impact of complex karyotype identified by conventional cytogenetics on survival outcomes of 1,000 patients with newly diagnosed myeloma (NDMM). First Author: Dabedochukwu Obiekwe, MBBS
- Board 487 ABSTRACT 8064: Prognostic impact of t(11;14) on PFS1 among patients with myeloma receiving triplet induction therapy. First Author: Shama Pirmohammed, BA
- Board 488 ABSTRACT 8065: Immune cell differences between patients in different stages of monoclonal plasma cell disorders. First Author: Christine Ho, MD
- Board 489 ABSTRACT 8066: Determinants of overall survival (OS) of primary plasma cell leukemia (pPCL): A National Cancer Database (NCDB) analysis of years 2004 to 2009. First Author: Kevin Scott Landau, MD, MS
- Board 490 ABSTRACT 8067: COVID vaccine immune response in patients with plasma cell dyscrasia: A systematic review. First Author: Unaiza Faizan
- Board 491a ABSTRACT TPS8068: MagnetisMM-9: An open-label, multicenter, non-randomized phase 1/2 study of elranatamab in patients with relapsed/refractory multiple myeloma. First Author: Rafael Fonseca, MD
- Board 491b ABSTRACT TPS8069: CAMMA 1: A multicenter phase Ib trial evaluating the safety, pharmacokinetics, and activity of cevostamab-containing regimens in patients with relapsed or refractory multiple myeloma. First Author: Ravi Vij, MD
- Board 492a ABSTRACT TPS8070: CAMMA 3: A multicenter phase Ib trial evaluating the safety, pharmacokinetics, and activity of subcutaneous cevostamab monotherapy in patients with relapsed or refractory multiple myeloma. First Author: Sosana Delimpasi, MD

- Board 492b ABSTRACT TPS8071: TTI-622-01: A phase 1a/1b dose-escalation and expansion trial of TTI-622 in patients with advanced hematologic malignancies, including multiple myeloma. First Author: Krish Patel, MD
- Board 493a ABSTRACT TPS8072: MajesTEC-3: Randomized, phase 3 study of teclistamab plus daratumumab versus investigator's choice of daratumumab, pomalidomide, and dexamethasone or daratumumab, bortezomib, and dexamethasone in patients with relapsed/refractory multiple myeloma. First Author: Maria-Victoria Mateos, PhD
- Board 493b ABSTRACT TPS8073: Exploring alternative dosing regimens of single-agent belantamab mafodotin on safety and efficacy in patients with relapsed or refractory multiple myeloma: DREAMM-14. First Author: Malin Hultcrantz, MD, PhD
- Board 494a ABSTRACT TPS8074: MagnetisMM-5: An open-label, multicenter, randomized phase 3 study of elranatamab as monotherapy and in combination with daratumumab in patients with relapsed/refractory multiple myeloma. First Author: Sebastian Grosicki, MD, PhD
- Board 494b ABSTRACT TPS8075: Subcutaneous daratumumab (DARA SC) versus active monitoring in patients (pts) with high-risk smoldering multiple myeloma (SMM): Randomized, open-label, phase 3 AQUILA study. First Author: Meletios A. Dimopoulos, MD
- Board 495a ABSTRACT TPS8076: Birtamimab in patients with Mayo stage IV AL amyloidosis: Rationale for confirmatory affirm-AL phase 3 study. First Author: Morie A. Gertz, MD

Saturday, June 4

1:15 PM - 4:15 PM | Hall A

Care Delivery and Regulatory Policy

Abstracts on Boards 103-114 will be discussed during the Care Delivery and Regulatory Policy Poster Discussion Session.

Posters by Topic

Care Delivery/Models of Care: *Boards 104-105, 109-111, 113-139*

Clinical Informatics/Advanced Algorithms/Machine Learning: *Boards 140-152*

Clinical Research Design: *Boards 153-157*

Digital Technology/Therapeutics: *Boards 158-170*

Health Policy: *Boards 103, 171-179*

Practice Management: *Boards 112, 180-181*

Telemedicine: *Boards 106-108, 182-189*

Trials in Progress: *Boards 190a-192b*

- Board 103 ABSTRACT 1509: Disparities in NCI and nonprofit organization funding and effect on cancers with high incidence rates among Black patients and mortality rates. First Author: Suneel Deepak Kamath, MD
- Board 104 ABSTRACT 1510: Impact of a shared-care model between community and academic centers for facilitating access to allogeneic and autologous stem cell transplantation. First Author: Joshua Alexander Fein, MD
- Board 105 ABSTRACT 1511: Time to biopsy of screening mammography-detected abnormalities: Evaluating the impact of same-day services implemented during the COVID-19 pandemic. First Author: Kimberly Klinger, MD
- Board 106 ABSTRACT 1512: Patient- and provider-level factors associated with telehealth utilization across a multisite, multiregional cancer practice. First Author: Joshua Pritchett, MD
- Board 107 ABSTRACT 1513: Association between telehealth and adherence with patient-reported outcomes (PRO)-based remote symptom monitoring among adolescent/young adults (AYA), middle age, and older adults with cancer. First Author: Ishwaria Mohan Subbiah, MD, MS
- Board 108 ABSTRACT 1514: Electronic research consents for complex early-phase I-II clinical trials integrated with telemedicine visits compared with in-person encounters. First Author: Michael T. Buckley, MBA, MS
- Board 109 ABSTRACT 1515: Preliminary analysis of an expanded access study of the fixed-dose combination of pertuzumab (P) and trastuzumab (H) for subcutaneous injection (PH FDC SC) for at-home administration (admin) in patients (pts) with HER2-positive (HER2+) breast cancer (BC) during the COVID-19 pandemic. First Author: Chau T. Dang, MD
- Board 110 ABSTRACT 1516: Outcomes following off-site remote chemotherapy administration. First Author: Abram Arnold, DO

- Board 111 ABSTRACT 1517: Remote symptom monitoring after hospital discharge.
First Author: Robert Michael Daly, MD, MBA
- Board 112 ABSTRACT 1518: A pragmatic cluster-randomized trial of a standing physician order entry intervention for colony stimulating factor use among patients at intermediate risk for febrile neutropenia (SWOG S1415CD).
First Author: Dawn L. Hershman, MD, FASCO
- Board 113 ABSTRACT 1519: Cluster-randomized trial to evaluate the implementation of reproductive health care in cancer care delivery in community oncology practices: Results from ECOG-ACRIN E1Q11.
First Author: Ashlesha Patel, MD, MPH
- Board 114 ABSTRACT 1520: Improving supportive care for patients with thoracic cancer.
First Author: Lakedia Charman Banks, RNP
- Board 115 ABSTRACT 1521: The initial outcome of deploying a mortality prediction tool at community oncology practices.
First Author: Ping Ye, PhD
- Board 116 ABSTRACT 1522: Imaging and physician visits at cancer diagnosis: COVID-19 pandemic impact on cancer care.
First Author: Rui Fu, PhD
- Board 117 ABSTRACT 1523: The promising use of hospital at home in an oncology setting.
First Author: Melanie Wain Kier, MD, MBA
- Board 118 ABSTRACT 1524: Reducing inpatient mortality in patients with cancer through multidisciplinary review and targeted interventions.
First Author: Manan P. Shah, MD
- Board 119 ABSTRACT 1525: A pragmatic cluster-randomized trial of a computerized clinical decision support system to improve colony stimulating factor prescribing for patients with cancer receiving myelosuppressive chemotherapy (SWOG S1415CD).
First Author: Scott David Ramsey, MD, PhD
- Board 120 ABSTRACT 1526: Breast cancer screening and diagnosis in a community health system during the COVID-19 pandemic.
First Author: Andrew Rudberg, BA
- Board 121 ABSTRACT 1528: Time on treatment is prolonged in patients utilizing an ePRO based digital symptom monitoring platform in the community setting.
First Author: Christina Parrinello, PhD, MPH
- Board 122 ABSTRACT 1529: FDA analysis of expanded access use in pediatric patients from 2015 to 2020.
First Author: Elizabeth Duke, MD
- Board 123 ABSTRACT 1530: Evaluation of outcomes in patients (pts) with stage 4 non-small cell lung cancer (NSCLC 4) harboring actionable oncogenic drivers (AOD) when treated prior to report of mutation without tyrosine kinase inhibitors (TKI): An Integra Connect Database (ICD) retrospective observational study.
First Author: Robert E. Smith, MD
- Board 124 ABSTRACT 1531: Oncologists' perspectives on individualizing dose selection for patients with metastatic cancer.
First Author: Rachel Jimenez, MD
- Board 125 ABSTRACT 1532: Will COVID-19 directives to reduce regularly scheduled physical examinations affect recurrence detection in patients with early breast cancer?
First Author: Ana-Alicia Beltran-Bless, MD
- Board 126 ABSTRACT 1533: Ancillary treatment referrals and visits after breast cancer surgery in a sociodemographically diverse population.
First Author: Vernice Hui Yan Chan, MBBS
- Board 127 ABSTRACT 1534: CONTINUUM: A pilot care transition intervention for hospitalized patients with advanced cancer.
First Author: Daniel E. Lage, MD
- Board 128 ABSTRACT 1535: Oncology hospital at home in rural communities: The Huntsman at Home rural experience.
First Author: Kathi Mooney, PhD
- Board 129 ABSTRACT 1536: The impact of an oncology-specific shared savings agreement.
First Author: Edward Thompson
- Board 130 ABSTRACT 1537: Impact of cancer diagnosis, stage, and systemic therapies on immunogenicity after COVID-19 vaccination in patients with cancer: A systematic review and meta-analysis.
First Author: Guilherme Nader Marta, MD
- Board 131 ABSTRACT 1538: Characteristics associated with functional resilience versus functional decline among adult patients with advanced non-small cell lung cancer.
First Author: Joy Tang, MD
- Board 132 ABSTRACT 1539: Impact of provider education on hepatitis B screening practices prior to patients receiving cancer treatment.
First Author: Michael Adashek, DO
- Board 133 ABSTRACT 1540: Long COVID-19 in patients with cancer: Report from the National COVID Cohort Collaborative (N3C).
First Author: Noha Sharafeldin, MBBCh, PhD, MSc
- Board 134 ABSTRACT 1541: Enabling community-led integrated women health care models for women cancers screening and early detection through EMPOWER (Enabling and Motivating Partnerships Owned by Women who Engage and Reclaim their lives) project.
First Author: Dorothy Ogada Nyongo
- Board 135 ABSTRACT 1542: Does the 4R oncology model improve clinicians' effectiveness in patient-facing planning of complex cancer care?
First Author: Julia R. Trosman, PhD, MBA
- Board 136 ABSTRACT 1543: Demographic and laboratory determinants of humoral immune responses and impact of different anti-SARS-CoV-2 vaccine platforms in patients with cancer: A systematic review and meta-analysis.
First Author: Diogo Martins-Branco, MD, MSc
- Board 137 ABSTRACT 1544: Analysis of the likelihood of depression versus distress screening to identify need for intervention.
First Author: Valerie Pracilio Csik, MPH
- Board 138 ABSTRACT 1545: Impact of proactive symptom monitoring on quality of life (QoL) and treatment toxicity in patients with cancer receiving chemotherapy: A meta-analysis of randomized clinical trials.
First Author: Faris Tamimi, MD
- Board 139 ABSTRACT 1546: Cancer health disparities in the state of Georgia: African American oncology care.
First Author: Nabin Raj Karki, MBBS
- Board 140 ABSTRACT 1547: Machine learning (ML)-enabled, circulating tumor cell-based classification of patients for non-prerequisite adjuvant therapy.
First Author: Gowhar Shafi, PhD
- Board 141 ABSTRACT 1548: Applicability of a web app for lung cancer risk calculation and personalized recommendations for screening in Mexico.
First Author: Jose Felipe Muñoz Lozano, MD
- Board 142 ABSTRACT 1549: Development of an electronic health record registry to facilitate collection of Commission on Cancer (CoC) metrics for patients undergoing surgery for breast cancer.
First Author: Heather G. Lyu, MD, MBI
- Board 143 ABSTRACT 1550: Using machine learning on real-world data to predict metastatic status.
First Author: Foad H. Green
- Board 144 ABSTRACT 1551: Performance of an artificial intelligence-based annotation algorithm for reporting cancer genomic profiling tests.
First Author: Hidenori Kage, MD, PhD
- Board 145 ABSTRACT 1552: Can an artificial intelligence-based platform reduce physician burden and increase access to clinical trials?
First Author: Limor Gortzak Uzan, MD
- Board 146 ABSTRACT 1553: Machine learning models for accurate pretreatment prediction of chemotherapy associated LV dysfunction in patients with breast cancer and lymphoma receiving chemotherapy (WF-98213 PREVENT and CCCWFU9912 DETECT IV).
First Author: Suditi Shyamsunder
- Board 147 ABSTRACT 1554: Feasibility of an explainable AI-based therapeutic recommendation-tool utilizing tumor gene expression profiles in advanced and refractory solid tumors.
First Author: Ouissam Al Jarroudi
- Board 148 ABSTRACT 1555: Machine learning application to find patients with lower-risk myelodysplastic syndrome from real-world data.
First Author: Colden Johanson, MS
- Board 149 ABSTRACT 1556: Natural language processing-optimized case selection for real-world evidence studies.
First Author: Jacob Koskimaki, PhD
- Board 150 ABSTRACT 1557: Natural language processing of Veterans' electronic health records to confirm diagnoses of monoclonal gammopathy of undetermined significance.
First Author: Mei Wang
- Board 151 ABSTRACT 1558: Impact of trial site selection on minority patient recruitment in prostate cancer trials.
First Author: Charles Lagor, MD, PhD, MBA
- Board 152 ABSTRACT 1560: A novel support vector machine to predict sentinel lymph node status in elderly patients with breast cancer.
First Author: Abbas Hassan

- Board 153 ABSTRACT 1561: Incidence and impact of proportional hazards violations in phase 3 cancer clinical trials.
First Author: Timothy Lin
- Board 154 ABSTRACT 1562: Improving first-in-human and window-of-opportunity informed consent forms through participant feedback.
First Author: Anna Avinger, BS
- Board 155 ABSTRACT 1563: Clinical development of new drugs for adults and children with cancer in 2010-2020: Longitudinal study of investigational drugs.
First Author: Andrea Arfe
- Board 156 ABSTRACT 1564: TBCRC 057: An online survey about anxiety and willingness to participate in breast cancer clinical trials during the COVID-19 pandemic.
First Author: Karen L. Smith, MD, MPH
- Board 157 ABSTRACT 1565: Participation in cancer research in BNSSG, England: A Health Equity Audit 2021.
First Author: Kathryn Hamilton
- Board 158 ABSTRACT 1566: A retrospective cohort analysis of return-to-work outcomes for cancer survivors using a digital coaching intervention.
First Author: Yuri Yin-Moe Aung, MBBS, PhD
- Board 159 ABSTRACT 1567: Applicability of a web app for breast cancer risk calculation and personalized recommendations for screening in Mexico.
First Author: Jose Felipe Muñoz Lozano, MD
- Board 160 ABSTRACT 1568: Assessing health electronically for adolescent and young adult oncology patients (AHEAD Study).
First Author: Tyler Garrett Ketterl, MD, MS
- Board 161 ABSTRACT 1569: Evaluating an AI-based nutrition expert platform delivered via SMS-text to support patients with cancer.
First Author: Marissa Lubin Buchan, CCRP, RD, MS
- Board 162 ABSTRACT 1570: Impact of the COVID-19 pandemic on oral oncolytic adherence.
First Author: Elias Pittos, PharmD, BCOP
- Board 163 ABSTRACT 1571: Mobile app in oncology: A pilot survey on Latina patients with gynecological cancers and their perception on utilizing a mobile app.
First Author: Paulina Ramirez, MD
- Board 164 ABSTRACT 1572: Association between remotely-monitored activity, patient-reported outcomes, and physical function in patients with advanced pancreatic cancer.
First Author: Gillian Gresham, PhD
- Board 165 ABSTRACT 1573: Interface software can markedly reduce time and improve accuracy for clinical trial data transfer from EMR to EDC: The results of two measure of work time studies comparing commercially available clinical data transfer software to current practice manual data transfer.
First Author: Maureen Thompson
- Board 166 ABSTRACT 1574: PRECISE CURATE.AI: A prospective feasibility trial to dynamically modulate personalized chemotherapy dose with artificial intelligence.
First Author: Agata Blasiak, PhD
- Board 167 ABSTRACT 1575: Analyzing patient engagement with digital health tools to facilitate equity across a large statewide community oncology practice.
First Author: Debra A. Patt, MD, PhD, MBA, FASCO
- Board 168 ABSTRACT 1576: Comparative effectiveness of different interventions for cancer-related fatigue delivered digitally by online platforms.
First Author: Paris A. Kosmidis, MD
- Board 169 ABSTRACT 1577: Electronic capture of cancer-related distress in a community oncology program.
First Author: Amit Sanyal, MD, MRCP
- Board 170 ABSTRACT 1578: Association between remote monitoring and acute care visits in high-risk patients initiating intravenous antineoplastic therapy.
First Author: Robert Michael Daly, MD, MBA
- Board 171 ABSTRACT 1579: Lack of price transparency for prostate-directed radiation therapy relative to radical prostatectomy.
First Author: Rahul Neal Prasad, MD, MBA
- Board 172 ABSTRACT 1580: Pharmaceutical industry payments to physicians for the promotion of cancer drugs.
First Author: Aaron Philip Mitchell, MD, MPH
- Board 173 ABSTRACT 1581: Exploring country priorities and contextual considerations for implementing national cancer control plans (NCCP) among participants of International Cancer Control Partnership (ICCP) ECHO.
First Author: Darya Aleksandrovna Kizub, MD
- Board 174 ABSTRACT 1582: Financial payments from the pharmaceutical industry to U.S. cancer centers, 2014-2019.
First Author: Aaron Philip Mitchell, MD, MPH
- Board 175 ABSTRACT 1583: Disparity in initiation of checkpoint inhibitors among metastatic melanoma and lung cancer.
First Author: Meng Li, PhD
- Board 176 ABSTRACT 1584: The impact of physician-hospital integration on spending and quality of oncology care.
First Author: Pragya Kakani, BA
- Board 177 ABSTRACT 1585: Market determinants of commercial prices for intravenous chemotherapy infusions.
First Author: Michael Milligan, MD, MBA
- Board 178 ABSTRACT 1586: Time to access to novel anticancer drugs in Europe, a case study in seven European countries.
First Author: Colinda Post
- Board 179 ABSTRACT 1587: Reliability of cancer registry primary payer information and implications for policy research.
First Author: Amy J. Davidoff, PhD, MS
- Board 180 ABSTRACT 1588: Effect of immunotherapy and time-of-day infusion chronomodulation on survival in advanced cancers.
First Author: Blessie Elizabeth Nelson, MBBS, DMRT
- Board 181 ABSTRACT 1589: Novel use of clinical pathways to identify poor prognosis lung cancer patients: Implementation and outcomes.
First Author: David Michael Jackman, MD
- Board 182 ABSTRACT 1590: Patient efficacy in telehealth is moderated by distress among patients with cancer: A cross-sectional survey study.
First Author: Joseph William McCollom, DO
- Board 183 ABSTRACT 1591: Responses to telehealth expansion for older adults with cancer during the COVID-19 pandemic.
First Author: Robin T. Higashi, PhD
- Board 184 ABSTRACT 1592: Evaluation of a pharmacist-led video consultation to identify drug interactions among patients initiating oral anticancer drugs.
First Author: Morgan R.L. Lichtenstein, MD
- Board 185 ABSTRACT 1593: Variation in telemedicine usage in gynecologic cancer: Are we widening or narrowing disparities?
First Author: Leslie Andriani, MD
- Board 186 ABSTRACT 1594: Hematology/oncology outpatient perspectives on telehealth one year into the COVID-19 pandemic.
First Author: Anne Hudson Blaes, MD
- Board 187 ABSTRACT 1595: Utilization of telemedicine among patients newly diagnosed with cancer.
First Author: I-Wen Pan
- Board 188 ABSTRACT 1596: Telemedicine adoption and utilization among financially distressed patients with cancer during the COVID-19 pandemic: Insights from a longitudinal nationwide survey.
First Author: Abbas Hassan
- Board 189 ABSTRACT 1597: The role of telemedicine in care of patients with cancer: A real-world experience from a Peruvian cancer institute during the COVID-19 pandemic.
First Author: Katia Roque Perez, MD
- Board 190a ABSTRACT TPS1598: Improving care coordination for adolescents and young adults with cancer.
First Author: Emily Ruth Haines, PhD
- Board 190b ABSTRACT TPS1599: Evaluating the feasibility of using an electronic patient-reported outcome (ePRO) smartphone application (app) and biosensor by patients with cancer undergoing systemic treatments.
First Author: Karma L. Kreizenbeck, BA
- Board 191a ABSTRACT TPS1600: Natural history study for children and adults with rare solid tumors.
First Author: Diana Grace Varghese
- Board 191b ABSTRACT TPS1601: Addressing Latinx CANcer Care Equity (ALCANCE) randomized controlled trial: Precision medicine and community health workers.
First Author: Gladys M. Rodriguez, MD
- Board 192a ABSTRACT TPS1602: Screening for high frequency malignant disease (SHIELD).
First Author: Ha Nguyen
- Board 192b ABSTRACT TPS1603: Telehealth weight loss program for breast cancer survivors is feasible and acceptable: Preliminary results of pilot clinical trial.
First Author: Julia C. Tchou, MD, PhD

Saturday, June 4

1:15 PM - 4:15 PM | Hall A

Genitourinary Cancer—Kidney and Bladder

Abstracts on Boards 1-12 will be discussed during the Genitourinary Cancer—Kidney and Bladder Poster Discussion Session.

Posters by Topic

Biologic Correlates: Boards 13-16

Kidney Cancer: Boards 1-6, 17-49

Urothelial Cancer—Advanced/Metastatic: Boards 8, 10-12, 50-70

Urothelial Cancer—Localized Disease: Boards 7, 9, 71-85

Other GU Cancer: Boards 86-88

Trials in Progress: Boards 89a-100b

- Board 1 ABSTRACT 4509: Phase 1 LITESPARK-001 (MK-6482-001) study of belzutifan in advanced solid tumors: Update of the clear cell renal cell carcinoma (ccRCC) cohort with more than 3 years of total follow-up. First Author: Eric Jonasch, MD
- Board 2 ABSTRACT 4510: Characterization of the microbial resistome in a prospective trial of CBM588 in metastatic renal cell carcinoma (mRCC) offers mechanism for interplay between antibiotic (abx) use and immune checkpoint inhibitor (ICI) activity. First Author: Nazli Dizman, MD
- Board 3 ABSTRACT 4511: A phase 1b/2 study of batiraxcept (AVB-S6-500) in combination with cabozantinib in patients with advanced or metastatic clear cell renal cell (ccRCC) carcinoma who have received front-line treatment (NCT04300140). First Author: Neil J. Shah, MD
- Board 4 ABSTRACT 4512: Adjuvant pembrolizumab for postnephrectomy renal cell carcinoma (RCC): Expanded efficacy analyses from KEYNOTE-564. First Author: Toni K. Choueiri, MD
- Board 5 ABSTRACT 4513: Pembrolizumab (pembro) plus axitinib (axi) versus sunitinib as first-line therapy for advanced clear cell renal cell carcinoma (ccRCC): Analysis of progression after first subsequent therapy in KEYNOTE-426. First Author: Thomas Powles, MD, PhD, FCRP
- Board 6 ABSTRACT 4514: Impact of subsequent therapies in patients (pts) with advanced renal cell carcinoma (aRCC) receiving lenvatinib plus pembrolizumab (LEN + PEMBRO) or sunitinib (SUN) in the CLEAR study. First Author: Martin H. Voss, MD
- Board 7 ABSTRACT 4515: Perioperative chemoimmunotherapy with durvalumab for operable muscle-invasive urothelial carcinoma (MIUC): Primary analysis of the single arm phase II trial SAKK 06/17. First Author: Richard Cathomas, MD
- Board 8 ABSTRACT 4516: Long-term outcomes in EV-301: 24-month findings from the phase 3 trial of enfortumab vedotin versus chemotherapy in patients with previously treated advanced urothelial carcinoma. First Author: Jonathan E. Rosenberg, MD
- Board 9 ABSTRACT 4517: Avelumab as the basis of neoadjuvant regimen in platinum-eligible and -ineligible patients with nonmetastatic muscle-invasive bladder cancer: AURA (Oncodistinct-004) trial. First Author: Nieves Martinez Chanza, MD, PhD
- Board 10 ABSTRACT 4518: Preliminary results of a phase Ib/II combination study of RC48-ADC, a novel humanized anti-HER2 antibody-drug conjugate (ADC) with toripalimab, a humanized IgG4 mAb against programmed death-1 (PD-1) in patients with locally advanced or metastatic urothelial carcinoma. First Author: Xinan Sheng, MD, ABFT
- Board 11 ABSTRACT 4519: A phase II study of RC48-ADC in HER2-negative patients with locally advanced or metastatic urothelial carcinoma. First Author: Huayan Xu
- Board 12 ABSTRACT 4520: RC48-ADC for metastatic urothelial carcinoma with HER2-positive: Combined analysis of RC48-C005 and RC48-C009 trials. First Author: Xinan Sheng, MD, ABFT
- Board 13 ABSTRACT 4521: Association of DNA damage repair (DDR) mutations (mts) and clinical outcomes in CALGB 90601 (Alliance). First Author: Gopa Iyer, MD
- Board 14 ABSTRACT 4522: Association of DNA damage response (DDR) gene mutations (mts) and response to neoadjuvant cisplatin-based chemotherapy (chemo) in muscle-invasive bladder cancer (MIBC) patients (pts) enrolled onto SWOG S1314. First Author: Gopa Iyer, MD
- Board 15 ABSTRACT 4524: Landscape analysis of urothelial carcinoma (UC) by telomerase reverse transcriptase (TERT) alterations. First Author: Tyler F. Stewart, MD

- Board 16 ABSTRACT 4525: Monitoring efficacy of neoadjuvant sunitinib in metastatic renal cell carcinoma using a personalized and tumor informed ctDNA assay. First Author: Christine B. Peterson, PhD
- Board 17 ABSTRACT 4526: Molecular profile and clinical outcomes of renal cell carcinoma brain metastases treated with stereotactic radiosurgery. First Author: Jennifer Ma, BA
- Board 18 ABSTRACT 4527: Association between decline of neutrophil-to-eosinophil ratio (NER) at week 6 after ipilimumab plus nivolumab initiation and improved clinical outcomes in metastatic renal cell carcinoma (mRCC). First Author: Yu-Wei Chen, MD, MS
- Board 19 ABSTRACT 4528: Healthcare resource utilization (HCRU) and costs for patients (pts) with metastatic renal cell carcinoma (mRCC) receiving first-line (LOT1) pembrolizumab plus axitinib (P+A) or ipilimumab plus nivolumab (I+N). First Author: Neil J. Shah, MD
- Board 20 ABSTRACT 4529: Phase II randomized double blind trial of axitinib (Axi) +/- PF04518600, an OX40 antibody (PFOX) after PD1/PDL1 antibody (IO) therapy (Tx) in metastatic renal cell carcinoma (mRCC). First Author: Sarmad Sadeghi, MD, PhD
- Board 21 ABSTRACT 4530: Impact of steroid use among patients with renal cell carcinoma (RCC) who develop immune-related adverse events (irAE). First Author: Peter Zang, MD
- Board 22 ABSTRACT 4531: Cross-trial validation of molecular subtypes in patients with metastatic clear cell renal cell carcinoma (RCC): The JAVELIN Renal 101 experience. First Author: Renee Maria Saliby, MD, MSc
- Board 23 ABSTRACT 4532: First-line therapy for elderly patients with advanced renal cell carcinoma (aRCC): A systemic review and network meta-analysis. First Author: Yu Fujiwara, MD
- Board 24 ABSTRACT 4533: Estimating clear cell renal cell carcinoma transcriptomic signatures using machine learning and histopathology images. First Author: Saeed Hassanpour
- Board 25 ABSTRACT 4534: The prognostic value of peripheral blood inflammatory indices early variation in patients (pts) with metastatic renal cell carcinoma (mRCC) treated with nivolumab (Δ-Meet-URO analysis). First Author: Sara Elena Rebuzzi, MD
- Board 26 ABSTRACT 4535: The prognostic role of nephrectomy in patients (pts) with metastatic renal cell carcinoma (mRCC) treated with immunotherapy according to the novel prognostic Meet-URO score: Subanalysis of the Meet-URO 15 study. First Author: Sara Elena Rebuzzi, MD
- Board 27 ABSTRACT 4536: Progression-free survival after second line of therapy (PFS-2) for metastatic clear cell renal cell carcinoma (ccRCC) in patients treated with first-line immunotherapy combinations. First Author: Kelly N. Fitzgerald, MD
- Board 28 ABSTRACT 4537: Sequential immunotherapy in rare variant renal cell carcinoma: final report of UNISoN (ANZUP 1602): Nivolumab then ipilimumab + nivolumab in advanced nonclear cell renal cell carcinoma. First Author: Ciara Conduit, MBBS, FRACP
- Board 29 ABSTRACT 4538: Prognostic value of the lung immune prognostic index in patients with untreated advanced renal cell carcinoma (aRCC) receiving nivolumab plus ipilimumab (N+I) or sunitinib (SUN) in the CheckMate 214 trial. First Author: Lucia Carril-Ajuria, MD
- Board 30 ABSTRACT 4539: Real-world treatment patterns in von Hippel-Lindau (VHL) disease-associated renal cell carcinoma (RCC): Costs of tumor reduction procedures and their complications. First Author: Murali Sundaram, PhD, MBA, MS
- Board 31 ABSTRACT 4540: Prostate-specific membrane antigen (PSMA) positron emission tomography (PET) compared to computed tomography (CT) for advanced renal cell carcinoma (RCC). First Author: Shivanshan Pathmanathan, MBBS
- Board 32 ABSTRACT 4541: Association between tumor burden and response to immunotherapy in patients with metastatic renal cell carcinoma. First Author: Hesham Abdallah Yasin, MD
- Board 33 ABSTRACT 4542: Activity of tivozanib in non-clear cell renal cell carcinoma (nccRCC): Subgroup analysis from a phase 2 randomized discontinuation trial. First Author: Pedro C. Barata, MD, MSc

- Board 34 ABSTRACT 4543: Variation in recurrence rate and overall survival (OS) outcomes by disease stage and incremental impact of time to recurrence on OS in localized renal cell carcinoma (RCC).
First Author: Naomi B. Haas, MD
- Board 35 ABSTRACT 4544: Prognostic factors for patients with advanced renal cell carcinoma (aRCC) in the era of first-line (1L) treatment with immune checkpoint inhibitors (ICIs).
First Author: Charlene Mantia, MD
- Board 36 ABSTRACT 4545: Outcomes with novel combinations in nonclear cell renal cell carcinoma (nccRCC): ORACLE study.
First Author: Deepak Kilari, MD
- Board 37 ABSTRACT 4546: LITESPARK-004 (MK-6482-004) phase 2 study of belzutifan, an oral hypoxia-inducible factor 2 α inhibitor (HIF-2 α), for von Hippel-Lindau (VHL) disease: Update with more than two years of follow-up data.
First Author: Eric Jonasch, MD
- Board 38 ABSTRACT 4547: Individualized prediction of post-surgical pathologic T3a (pT3a) upstaging risk in localized renal tumors undergoing nephrectomy (UroCCR 15 study).
First Author: Astrid Boulenger de Hauteclouque, MD
- Board 39 ABSTRACT 4548: Racial differences in treatment patterns and outcomes of first-line (1L) therapies for advanced renal cell carcinoma (aRCC) in the real-world (RW) setting.
First Author: Daniel M. Geynisman, MD
- Board 40 ABSTRACT 4549: Molecular characterization of the tumor microenvironment in chromophobe renal cell carcinoma (ChRCC) and related oncocytic neoplasms.
First Author: Chris Labaki, MD
- Board 41 ABSTRACT 4550: Comprehensive genomic profiling (CGP) of chromophobe renal cell carcinoma (chrRCC) compared with non-chromophobe RCC (nonchrRCC): Impact of FLCN genomic alteration (GA) status.
First Author: Gennady Bratslavsky, MD
- Board 42 ABSTRACT 4551: Phase Ib trial of selinexor (SEL) in combination with nivolumab (NIVO) alone or nivolumab plus ipilimumab (NIVO+IPI) in patients (pts) with advanced malignancies: The renal cell carcinoma (RCC) experience.
First Author: Omar Alhalabi, MD
- Board 43 ABSTRACT 4552: Baseline circulating soluble factors as predictors of response to nivolumab in metastatic clear cell renal cell carcinoma (mRCC): A validation study within the NIVOREN GETUG-AFU 26 translational study.
First Author: Lucia Carril-Ajuria, MD
- Board 44 ABSTRACT 4553: Preventing adverse events in patients with renal cell carcinoma treated with doublet immunotherapy using fecal microbiota transplantation (FMT): Initial results from perform a phase I study.
First Author: Ricardo Fernandes, MD
- Board 45 ABSTRACT 4554: Distinct outcomes in Hispanic/Latinx and non-Hispanic/Latinx patients with metastatic renal cell carcinoma (mRCC) treated with first-line ipilimumab plus nivolumab (ipi/nivo).
First Author: Sana Ali, MD, MA
- Board 46 ABSTRACT 4555: Transcriptomic profiling identifies genomic markers associated with benefit from stereotactic body radiation therapy (SBRT) in oligoprogressive metastatic renal cell carcinoma (mRCC).
First Author: Zeynep Busra Zengin, MD
- Board 47 ABSTRACT 4556: Association of antibiotic therapy and treatment efficacy in patients with renal cell carcinoma receiving immune checkpoint inhibitors.
First Author: Avery Braun
- Board 48 ABSTRACT 4557: Maturation of overall survival (OS) in TIVO-3 with long-term follow-up.
First Author: Brian I. Rini, MD, FASCO
- Board 49 ABSTRACT 4558: A robust, trial-agnostic gene signature for response to tyrosine kinase inhibition in ccRCC.
First Author: Sari Khaleel, MD, MSc
- Board 50 ABSTRACT 4559: Avelumab first-line (1L) maintenance for advanced urothelial carcinoma (aUC): Long-term outcomes from JAVELIN Bladder 100 in subgroups defined by response to 1L chemotherapy.
First Author: Begoña Pérez-Valderrama, MD
- Board 51 ABSTRACT 4560: Long-term outcomes in patients with advanced urothelial carcinoma (UC) who received avelumab first-line (1L) maintenance with or without second-line (2L) treatment: Exploratory analyses from JAVELIN Bladder 100.
First Author: Joaquim Bellmunt, MD, PhD
- Board 52 ABSTRACT 4561: Health-related quality of life (HRQoL) for patients with advanced/metastatic urothelial carcinoma (UC) enrolled in KEYNOTE-052 who are potentially platinum ineligible.
First Author: Rafael Morales-Barrera, MD
- Board 53 ABSTRACT 4562: Association between molecular subtype membership or hypoxia-associated gene expression signatures and clinical outcomes in the CALGB 90601 (Alliance) phase 3 clinical trial of gemcitabine and cisplatin (GC) plus bevacizumab (B) or placebo (P).
First Author: David James McConkey, PhD
- Board 54 ABSTRACT 4563: Phase Ib study of anti-PD-L1 monoclonal antibody socazolimab in combination with nab-paclitaxel as first-line therapy for advanced urothelial carcinoma.
First Author: Rong Duan
- Board 55 ABSTRACT 4564: Prognostic impact of bone metastasis in patients with metastatic urothelial carcinoma (mUC) treated with durvalumab (D) with or without tremelimumab (T) in the DANUBE study.
First Author: Carlos Stecca, MD
- Board 56 ABSTRACT 4565: Real-world treatment patterns and clinical outcomes with first-line therapy in cisplatin-eligible and ineligible patients with advanced urothelial carcinoma.
First Author: Guru P. Sonpavde, MD
- Board 57 ABSTRACT 4566: Toripalimab (anti-PD-1) monotherapy as a second-line treatment for patients with metastatic urothelial carcinoma (POLARIS-03): Two-year survival update and biomarker analysis.
First Author: Haige Chen
- Board 58 ABSTRACT 4567: A prospective exploratory clinical study of penpulimab plus anlotinib as first-line treatment for locally advanced or metastatic urothelial carcinoma.
First Author: Bo Yang, MD
- Board 59 ABSTRACT 4568: Landscape of fibroblast growth factor receptor (FGFR) genomic alterations (GA) in urothelial bladder cancer (UBC).
First Author: Maroun Bou Zerdan, MD
- Board 60 ABSTRACT 4569: Germline variants across self-reported racial populations with urothelial carcinoma (UC).
First Author: Amin Nassar, MD
- Board 61 ABSTRACT 4570: MRG002-006: A multicenter phase II clinical trial of MRG002-ADC for unresectable locally advanced or metastatic urothelial cancer.
First Author: Wang Qu
- Board 62 ABSTRACT 4571: Genomic and immunologic profiles of concurrent RB1 and CDKN1A/p21(WAF1) truncating mutations (RW+) in bladder cancer.
First Author: Wafik S. El-Deiry, MD, PhD, FACP
- Board 63 ABSTRACT 4572: Assessment of a HER-2 scoring system and its correlation of HER2-targeting antibody-drug conjugate therapy in urothelial carcinoma.
First Author: Huizi Lei
- Board 64 ABSTRACT 4573: Outcomes of patients with advanced urothelial cancer who develop infection while on treatment with pembrolizumab.
First Author: Ryan Blair Kieser, MD
- Board 65 ABSTRACT 4574: Preliminary results from phase Ib/II neoadjuvant CG0070 and nivolumab (N) for cisplatin (C)-ineligible muscle invasive bladder cancer (MIBC).
First Author: Roger Li, MD
- Board 66 ABSTRACT 4575: Benchmarking maintenance therapy survival in first-line advanced urothelial carcinoma using disease modeling.
First Author: Matt D. Galsky, MD, FASCO
- Board 67 ABSTRACT 4576: Digital score of lymphocytic infiltration in tumor-associated stroma in relation to overall survival in bladder cancer.
First Author: Robert Jewsbury, MSc, BSc
- Board 68 ABSTRACT 4577: Defining “platinum-ineligible” patients with metastatic urothelial cancer (mUC).
First Author: Shilpa Gupta, MD
- Board 69 ABSTRACT 4578: Association of antibiotic therapy and treatment efficacy in urothelial cell carcinoma patients receiving immune checkpoint inhibitors.
First Author: Avery Braun
- Board 70 ABSTRACT 4579: Phase Ib study of avelumab and novel AXL inhibitor avb-S6-500 in patients with metastatic urothelial carcinoma (mUC).
First Author: Abhishek Tripathi, MD
- Board 71 ABSTRACT 4580: Interim results from a multicenter clinical study of tislelizumab combined with gemcitabine and cisplatin as neoadjuvant therapy for patients with cT2-T4aN0M0 MIBC.
First Author: Tianxin Lin

- Board 72 ABSTRACT 4581: S1314 correlative analysis of ATM, RB1, ERCC2, and FANCC mutations and pathologic complete response (pT0) at cystectomy after neoadjuvant chemotherapy (NAC) in patients with muscle invasive bladder cancer (MIBC): Implications for bladder preservation.
First Author: Elizabeth R. Plimack, MD, MS
- Board 73 ABSTRACT 4582: Study EV-103 Cohort H: Antitumor activity of neoadjuvant treatment with enfortumab vedotin monotherapy in patients with muscle-invasive bladder cancer who are cisplatin-ineligible.
First Author: Daniel P. Petrylak, MD
- Board 74 ABSTRACT 4583: Clinical utility of urine DNA for noninvasive detection and minimal residual disease monitoring in urothelial carcinoma.
First Author: Zhisong He, MD
- Board 75 ABSTRACT 4584: Biomarkers of response to neoadjuvant atezolizumab with gemcitabine and cisplatin in muscle-invasive bladder cancer.
First Author: Michael Lattanzi, MD
- Board 76 ABSTRACT 4585: Results for patients with muscle-invasive bladder cancer (MIBC) in the CheckMate 274 trial.
First Author: Alfred Alfred Witjes, MD, PhD
- Board 77 ABSTRACT 4586: Chemotherapy with significant mortality benefit in patients with bladder cancer with variant and non-urothelial histologies (NUVH).
First Author: Stuthi Perimbeti, MD, MPH
- Board 78 ABSTRACT 4587: Novel use of ctDNA to identify muscle-invasive and non-organ-confined upper tract urothelial carcinoma.
First Author: Heather L. Huelster, MD
- Board 79 ABSTRACT 4588: Efficacy and safety of atezolizumab concurrent with radiotherapy in patients with muscle-invasive bladder cancer: An interim analysis of the ATEZOBLADDERPRESERVE phase II trial (SOGUG-2017-A-IEC(VEJ)-4).
First Author: Sergio Vazquez-Estevez, MD
- Board 80 ABSTRACT 4589: Phase II clinical study of tislelizumab combined with nab-paclitaxel (TRUCE-01) for muscle-invasive urothelial bladder carcinoma: Bladder preservation subgroup analysis.
First Author: Yuanjie Niu
- Board 81 ABSTRACT 4590: Artificial intelligence algorithms for the diagnosis of urothelial carcinoma based on urine cytology: A noninvasive and efficient diagnostic approach.
First Author: Chong Shen
- Board 82 ABSTRACT 4591: A classification system for urothelial carcinoma (UC) defined by genomic drivers and the tumor microenvironment (TME) is predictive of immunotherapy response.
First Author: Konstantin Chernyshov
- Board 83 ABSTRACT 4592: Efficacy of hyperthermic-intra-vesical chemotherapy in patients with BCG-refractory nonmuscle-invasive bladder cancer.
First Author: Geraldine Pignot, MD, PhD
- Board 84 ABSTRACT 4593: Prognostic factors and clinical outcomes in patients with upper tract urothelial carcinoma undergoing surgery: The Cleveland Clinic experience.
First Author: Ramsha Ahmed, MD
- Board 85 ABSTRACT 4594: Quantifying the absolute benefit of neoadjuvant chemotherapy followed by definitive therapy in patients with muscle-invasive bladder cancer: A systematic review and meta-analysis.
First Author: Waleed Ikram, MD
- Board 86 ABSTRACT 4595: Evaluating oncologists' practice patterns and decision-making in locally advanced or metastatic urothelial carcinoma (la/mUC): The U.S. physician PARADIGM study (Part 2).
First Author: Frank Liu, PhD
- Board 87 ABSTRACT 4596: EO2401, a novel microbiome-derived therapeutic vaccine for patients with adrenocortical carcinoma (ACC): Preliminary results of the SPENCER study.
First Author: Eric Baudin, MD
- Board 88 ABSTRACT 4597: CORE1: Phase 2, single-arm study of CG0070 combined with pembrolizumab in patients with nonmuscle-invasive bladder cancer (NMIBC) unresponsive to bacillus Calmette-Guerin (BCG).
First Author: Roger Li, MD
- Board 89a ABSTRACT TPS4598: ALTER-UC-001: Phase II trial of anlotinib plus everolimus as first-line treatment for advanced non-clear cell renal cell carcinoma.
First Author: Hailiang Zhang, MD
- Board 89b ABSTRACT TPS4599: A phase 1b/2 study of batiraxcept (AVB-S6-500) in combination with cabozantinib, cabozantinib and nivolumab, and as monotherapy in patients with advanced or metastatic clear cell renal cell carcinoma (NCT04300140).
First Author: Katy Beckermann, MD, PhD
- Board 90a ABSTRACT TPS4600: A phase 1b study (STELLAR-002) of XL092 administered in combination with nivolumab (NIVO) with or without ipilimumab (IPI) or bempegaldesleukin (BEMPEG) in patients (pts) with advanced solid tumors.
First Author: Toni K. Choueiri, MD
- Board 90b ABSTRACT TPS4601: SAMETA: An open-label, three-arm, multicenter, phase III study of savolitinib + durvalumab versus sunitinib and durvalumab monotherapy in patients with MET-driven, unresectable, locally advanced/metastatic papillary renal cell carcinoma (PRCC).
First Author: Toni K. Choueiri, MD
- Board 91a ABSTRACT TPS4602: LITESPARK-022: A phase 3 study of pembrolizumab + belzutifan as adjuvant treatment of clear cell renal cell carcinoma (ccRCC).
First Author: Toni K. Choueiri, MD
- Board 91b ABSTRACT TPS4603: STARLITE 2: Phase 2 study of nivolumab plus ¹⁷⁷Lutetium-labeled anti-carbonic anhydrase IX (CAIX) monoclonal antibody girentuximab (¹⁷⁷Lu-girentuximab) in patients (pts) with advanced clear cell renal cell carcinoma (ccRCC).
First Author: Darren R. Feldman, MD
- Board 92a ABSTRACT TPS4604: A phase 2 study of bevacizumab, erlotinib, and atezolizumab in subjects with advanced hereditary leiomyomatosis and renal cell cancer (HLRCC) associated or sporadic papillary renal cell cancer (pRCC).
First Author: Gabriela Liliana Bravo Montenegro, MD
- Board 92b ABSTRACT TPS4605: TiNivo-2: A phase 3, randomized, controlled, multicenter, open-label study to compare tivozanib in combination with nivolumab to tivozanib monotherapy in subjects with renal cell carcinoma who have progressed following one or two lines of therapy where one line has an immune checkpoint inhibitor.
First Author: Toni K. Choueiri, MD
- Board 93a ABSTRACT TPS4606: A phase I trial to evaluate the biologic effect of CBM588 (Clostridium butyricum) in combination with cabozantinib plus nivolumab for patients with metastatic renal cell carcinoma (mRCC).
First Author: Luis A. Meza, MD
- Board 93b ABSTRACT TPS4607: MAIN-CAV: Phase III randomized trial of maintenance cabozantinib and avelumab versus avelumab after first-line platinum-based chemotherapy in patients with metastatic urothelial cancer (mUC) (Alliance A032001).
First Author: Shilpa Gupta, MD
- Board 94a ABSTRACT TPS4608: A phase III randomized trial of eribulin (E) with or without gemcitabine versus standard of care (SOC) for metastatic urothelial carcinoma (UC) refractory to or ineligible for PD/PDL1 antibody (Ab): SWOG S1937.
First Author: Sarmad Sadeghi, MD, PhD
- Board 94b ABSTRACT TPS4609: ⁸⁹Zirconium-labelled girentuximab (⁸⁹Zr-TLX250) PET in patients with urothelial cancer (ZiPUP): A phase I trial of a novel staging modality for urothelial carcinoma.
First Author: Dickon Hayne, MD, MBBS, FRCS
- Board 95a ABSTRACT TPS4610: Trial in progress: A phase II switch maintenance study of live biotherapeutic MRx0518 and avelumab in patients with unresectable locally advanced or metastatic urothelial carcinoma (UC) who did not progress on first-line platinum-containing chemotherapy.
First Author: Amishi Yogesh Shah, MD
- Board 95b ABSTRACT TPS4611: A phase II clinical trial of neoadjuvant sasanlimab and stereotactic body radiation therapy as an in situ vaccine for cisplatin-ineligible muscle invasive bladder cancer (RAD VACCINE MIBC).
First Author: Raj Satkunasivam, MD, MS
- Board 96a ABSTRACT TPS4612: A phase II trial evaluating combination pemetrexed and avelumab in patients with MTAP-deficient advanced urothelial cancer.
First Author: Amishi Yogesh Shah, MD
- Board 96b ABSTRACT TPS4613: ANTICIPATE: A phase I/II, open-label, multicenter study to evaluate the safety and efficacy of oral APL-1202 in combination with tislelizumab compared to tislelizumab alone as neoadjuvant therapy (NAC) in patients with muscle invasive bladder cancer (MIBC).
First Author: Matt D. Galsky, MD, FASCO
- Board 97a ABSTRACT TPS4614: A phase 3 study of the subcutaneous programmed cell death protein 1 inhibitor sasanlimab as single agent for patients with bacillus Calmette-Guérin, unresponsive, high-risk, non-muscle invasive bladder cancer: CREST Study Cohort B.
First Author: Neal D. Shore, MD, FACS
- Board 97b ABSTRACT TPS4615: A phase II study of gemcitabine plus cisplatin chemotherapy in patients with muscle-invasive bladder cancer with bladder preservation for those patients whose tumors harbor deleterious DNA damage response (DDR) gene alterations (Alliance A031701).
First Author: Gopa Iyer, MD

- Board 98a ABSTRACT TPS4616: Phase I study of intravesical anti-CD40 agonist antibody 2141-V11 for non-muscle invasive bladder cancer unresponsive to Bacillus Calmette-Guerin (BCG) therapy. First Author: Jeffrey L. Wong, MD, PhD
- Board 98b ABSTRACT TPS4617: EA8185: Phase 2 study of bladder-sparing chemoradiation (chemoRT) with durvalumab in clinical stage III, node-positive urothelial carcinoma (INSPIRE), an ECOG-ACRIN/NRG collaboration. First Author: Monika Joshi, MD
- Board 99a ABSTRACT TPS4618: A phase 2 study of cabozantinib in combination with atezolizumab as neoadjuvant treatment for muscle-invasive bladder cancer (HCRN GU18-343) ABATE study. First Author: Deepak Kilari, MD
- Board 99b ABSTRACT TPS4619: CCTG BL13 a randomized phase II trial assessing trimodality therapy with or without adjuvant durvalumab to treat patients with muscle-invasive bladder cancer (NCT03768570). First Author: Wassim Kassouf, MD, FRCS
- Board 100a ABSTRACT TPS4620: Phase 1a/b safety study of intravesical instillation of TARA-002 in adults with high-grade non-muscle invasive bladder cancer (ADVANCED-1). First Author: Jathin Bandari, MD
- Board 100b ABSTRACT TPS4621: Subcutaneous nivolumab versus intravenous nivolumab in patients with previously treated, advanced, or metastatic clear cell renal cell carcinoma. First Author: Matias Rodrigo Chacon, MD

Saturday, June 4

1:15 PM - 4:15 PM | Hall A

Gynecologic Cancer

Abstracts on Boards 391-402 will be discussed during the Gynecologic Cancer Poster Discussion Session.

Posters by Topic

Biologic Correlates: Boards 403-404

Cervical Cancer: Boards 405-417

Ovarian Cancer: Boards 391-402, 418-458

Uterine Cancer: Boards 459-473

Other Cancer: Boards 474-476

Trials in Progress: Boards 477a-488b

- Board 391 ABSTRACT 5512: Mirvetuximab soravtansine (MIRV) in patients with platinum-resistant ovarian cancer with high folate receptor alpha (FR α) expression: Characterization of antitumor activity in the SORAYA study. First Author: Ursula A. Matulonis, MD
- Board 392 ABSTRACT 5513: Safety and efficacy of MORAb-202 in patients (pts) with platinum-resistant ovarian cancer (PROC): Results from the expansion part of a phase 1 trial. First Author: Shin Nishio, MD, PhD
- Board 393 ABSTRACT 5514: A randomized phase II study of bevacizumab and weekly anetumab ravtansine or weekly paclitaxel in platinum-resistant or refractory ovarian cancer NCI trial#10150. First Author: Stephanie Lheureux, MD, PhD
- Board 394 ABSTRACT 5515: IGNITE: A phase II signal-seeking trial of adavosertib targeting recurrent high-grade, serous ovarian cancer with cyclin E1 overexpression with and without gene amplification. First Author: George Au-Yeung, MBBS, PhD
- Board 395 ABSTRACT 5516: Adavosertib in combination with carboplatin in advanced TP53-mutated platinum-resistant ovarian cancer. First Author: Alaa Embaby, MD
- Board 396 ABSTRACT 5517: Efficacy and safety of lucitanib + nivolumab in patients with advanced gynecologic malignancies: Phase 2 results from the LIO-1 study (NCT04042116; ENGOT-GYN3/AGO/LIO). First Author: Manish R. Patel, MD
- Board 397 ABSTRACT 5518: Real-world effectiveness of first-line maintenance olaparib in women with BRCA-mutated advanced ovarian cancer: U.S. retrospective cohort study. First Author: Ramez Nassef Eskander, MD
- Board 398 ABSTRACT 5519: Maintenance olaparib in patients (pts) with platinum-sensitive relapsed ovarian cancer (PSROC) by somatic (s) or germline (g) BRCA and other homologous recombination repair (HRR) gene mutation status: Overall survival (OS) results from the ORZORA study. First Author: Sandro Pignata, MD
- Board 399 ABSTRACT 5520: Role of cytoreductive surgery for the second ovarian cancer relapse in patients previously treated with chemotherapy alone at first relapse: A subanalysis of the DESKTOP III trial. First Author: Jalid Sehoul, MD

- Board 400 ABSTRACT 5521: Basket study of oral progesterone antagonist onapristone extended release (ONA-XR) in progesterone receptor positive (PR+) recurrent granulosa cell (GCT), low-grade serous ovarian (LGSO), or endometrioid endometrial cancer (EEC). First Author: Rachel N. Grisham, MD
- Board 401 ABSTRACT 5522: A pilot phase II study of neoadjuvant fulvestrant plus abemaciclib in women with advanced low-grade serous carcinoma. First Author: Lauren P. Cobb, MD
- Board 402 ABSTRACT 5523: Cervical cancer geographical burden analyzer: An interactive, open-access tool for understanding geographical disease burden in patients with recurrent or metastatic cervical cancer. First Author: Tara Castellano, MD
- Board 403 ABSTRACT 5524: Pressurized intraperitoneal aerosol chemotherapy (PIPAC) versus intravenous chemotherapy in unresectable peritoneal metastases secondary to platinum-resistant ovarian cancer: Interim analysis of Indian randomized control trial. First Author: S.P. Somashekhar, FRCS, MCh
- Board 404 ABSTRACT 5525: Cytoreductive surgery plus HIPEC for advanced epithelial ovarian cancer: Analysis from a multicentric national Indian HIPEC registry of 1,470 patients—An ISPSM Collaborative study. First Author: S.P. Somashekhar, FRCS, MCh
- Board 405 ABSTRACT 5526: Efficacy and safety of the anti-PD-L1 monoclonal antibody socazolimab for recurrent or metastatic cervical cancer: Results from the phase I dose-escalation and expansion study. First Author: Jusheng An
- Board 406 ABSTRACT 5527: SPECT-defined, active bone marrow-sparing, volumetric-modulated arc therapy reduces the incidence of acute hematologic toxicity in patients with locally advanced cervical cancer who receive chemoradiotherapy. First Author: Shan Bing Wang
- Board 407 ABSTRACT 5528: Phase 1 trial of first-line bintrafusp alfa in combination with other anticancer therapies in patients (pts) with locally advanced or advanced cervical cancer. First Author: Ana Oaknin, MD, PhD
- Board 408 ABSTRACT 5529: GOTIC-018: Phase I, open-label, multicenter study to assess the safety of pre- and co-administration of ONO-4538 (nivolumab) with concurrent chemoradiation (CCRT) in patients (pts) with locally advanced cervical carcinoma (LACvCa). First Author: Akira Yabuno, MD, PhD
- Board 409 ABSTRACT 5530: Cervical cancer prevention program in Nepal: A comprehensive “train the trainer” approach. First Author: Samantha Batman
- Board 410 ABSTRACT 5531: Staging locally advanced cervical cancer with FIGO 2018 versus FIGO 2008: Impact on overall survival and progression-free survival in the OUTBACK trial (ANZGOG 0902, RTOG 1174, NRG 0274). First Author: Linda R. Mileskin, MD, FRACP
- Board 411 ABSTRACT 5532: Factors associated with receipt of second-line recurrent or metastatic cervical cancer treatment in the United States: A retrospective administrative claims analysis. First Author: Kalyani Sonawane
- Board 412 ABSTRACT 5533: Examining differences based on gender and sexual orientation for cervical cancer screening and prevention behaviors. First Author: Prajakta Adsul, MBBS, PhD, MPH
- Board 413 ABSTRACT 5534: Combination of nivolumab with chemoradiotherapy for locally advanced cervical cancer: NiCOL phase I trial. First Author: Manuel Rodrigues, MD
- Board 414 ABSTRACT 5535: Efficacy and safety of QL1706, a novel dual immune checkpoint blockade containing a mixture of anti-PD1 IgG4 and anti-CTLA4 IgG1 antibodies, for advanced cervical cancer: Cohort data from a phase 1b trial. First Author: Jihong Liu
- Board 415 ABSTRACT 5536: Overall survival results from a phase II trial of anlotinib plus sintilimab in patients with recurrent advanced cervical cancer. First Author: Qin Xu
- Board 416 ABSTRACT 5537: Immunological correlates of durable responses and survival benefit for patients with cervical cancer in a trial of combined chemotherapy and immune therapy. First Author: Amanda M. Honan
- Board 417 ABSTRACT 5538: Toripalimab combined with chemoradiotherapy for patients with locally advanced cervical squamous cell carcinoma. First Author: Dan Ou
- Board 418 ABSTRACT 5539: A phase 1 trial of the PARP inhibitor fuzuloparib in combination with the anti-angiogenic apatinib in recurrent ovarian or triple-negative breast cancer. First Author: Huiping Li, MD

- Board 419 ABSTRACT 5540: The effect of advances in epithelial ovarian cancer treatment on population mortality.
First Author: Aifen Wang
- Board 420 ABSTRACT 5541: Efficacy and toxicity of carboplatin and gemcitabine dosed on day 1/day 8 versus day 1 alone for platinum-sensitive recurrent epithelial ovarian cancer.
First Author: Erika Joelle Lampert, MD
- Board 421 ABSTRACT 5542: Extracellular vesicle-based biomarker assay for the detection of early-stage ovarian cancer.
First Author: Laura Bortolin, PhD
- Board 422 ABSTRACT 5543: Efficacy and safety of pembrolizumab in combination with anlotinib in the treatment of refractory or recurrent high-grade serous ovarian cancer: A phase 2 nonrandomized clinical trial.
First Author: Man Jiang
- Board 423 ABSTRACT 5544: Efficacy and safety of rucaparib maintenance treatment in patients from ARIEL3 with platinum-sensitive, recurrent ovarian carcinoma not associated with homologous recombination deficiency.
First Author: Robert L. Coleman, MD, FACS, FACOG, FASCO
- Board 424 ABSTRACT 5545: Clinical implications of tumor-based next-generation sequencing in ovarian cancer.
First Author: Katherine Foster, MD
- Board 425 ABSTRACT 5546: Validation of the integrated prediction model algorithm for outcome of cytoreduction in advanced ovarian cancer.
First Author: Sabrina Piedimonte, MSc, MDCM
- Board 426 ABSTRACT 5547: Copy number features as a novel biomarker of homologous recombination (HR) status in high-grade serous ovarian cancer (HGSOC).
First Author: Paula Romero Lozano
- Board 427 ABSTRACT 5548: Genomic analysis of clear cell carcinoma.
First Author: Nirav Haribhakti, MD
- Board 428 ABSTRACT 5549: Prior authorizations for PARP inhibitors in ovarian cancer.
First Author: Audra Hugo
- Board 429 ABSTRACT 5550: Safety and efficacy of mitoxantrone hydrochloride liposome in patients with platinum-refractory or platinum-resistant ovarian cancer: A prospective, multicenter, open-label, single-arm, phase Ib clinical trial.
First Author: Yu Huang, MD
- Board 430 ABSTRACT 5551: Efficacy of niraparib maintenance therapy in patients with newly diagnosed advanced ovarian cancer in phase 3 PRIME study: A subgroup analysis by response to first-line platinum-based chemotherapy.
First Author: Rutie Yin, MD
- Board 431 ABSTRACT 5552: Real-world use, tolerability, and dose modifications of PARP inhibitors in ovarian cancer.
First Author: David M. O'Malley, MD
- Board 432 ABSTRACT 5553: Identification of patients with ovarian cancer who are experiencing the highest benefit from bevacizumab in first-line setting based on their tumor intrinsic chemosensitivity (KELIM): GOG-0218 validation study.
First Author: Benoit You
- Board 433 ABSTRACT 5554: Immune tumor microenvironnement (iTME) post-neoadjuvant chemotherapy, beyond PD-L1: Novel immune targets in ovarian cancer, data from the CHIVA trial, a GINECO/GINEGEPS study.
First Author: Felix Blanc-Durand
- Board 434 ABSTRACT 5555: Real-world outcomes associated with bevacizumab combined with chemotherapy in platinum-resistant ovarian cancer.
First Author: Gordon Taylor Moffat, MD, FRCPC
- Board 435 ABSTRACT 5556: Prospective identification of prognostic factors for patients with early failure of advanced ovarian cancer who undergo primary cytoreductive surgery followed by chemotherapy: The AGO-OVAR 19/FRAGILE study (NCT02828618).
First Author: Felix Hilpert, MD, PhD
- Board 436 ABSTRACT 5557: Phase Ib INEOV neoadjuvant trial of durvalumab +/- tremelimumab with platinum chemotherapy for patients (pts) with unresectable ovarian cancer (OC): Final complete resection and pathological response rates.
First Author: Alexandra Leary, MD, PhD
- Board 437 ABSTRACT 5558: OReO/ENGOT Ov-38 trial: Impact of maintenance olaparib rechallenge according to ovarian cancer patient prognosis—An exploratory joint analysis of the BRCA and non-BRCA cohorts.
First Author: Frederic Selle
- Board 438 ABSTRACT 5559: BRCA reversion mutations mediated by microhomology-mediated end joining (MMEJ) as a mechanism of resistance to PARP inhibitors in ovarian and breast cancer.
First Author: Natalia Lukashchuk, PhD
- Board 439 ABSTRACT 5560: Quality of life in patients with advanced high-grade ovarian cancer (HGOC) receiving maintenance therapies after first-line (1L) chemotherapy in the randomized phase III PAOLA-1/ENGOT-ov25 trial (NCT02477644).
First Author: Jean Emmanuel Kurtz, MD, PhD
- Board 440 ABSTRACT 5561: Identifying disparities in gynecologic cancer: Results and analysis from a patient preference survey.
First Author: Eloise Chapman-Davis, MD
- Board 441 ABSTRACT 5562: Time without symptoms or toxicity (TWiST) in patients with newly diagnosed advanced ovarian cancer receiving maintenance olaparib or placebo plus bevacizumab: Analysis of PAOLA-1/ENGOT-ov25 phase III trial.
First Author: Florence Joly, MD, PhD
- Board 442 ABSTRACT 5564: Potential indicators in circulating cell-free DNA for monitoring PARP inhibitor resistance in high-grade serous ovarian cancer.
First Author: Gang Chen
- Board 443 ABSTRACT 5565: A multicenter phase II randomized trial of durvalumab (D) versus physician's choice chemotherapy (PCC) in patients (pts) with recurrent ovarian clear cell adenocarcinoma (MOCCA/APGOT-OV2/GCGS-OV3).
First Author: David Shao Peng Tan, MBBS, PhD, FRCP
- Board 444 ABSTRACT 5566: Breast cancer incidence in patients with BRCA-related advanced ovarian cancer receiving olaparib-based maintenance therapy: A pooled analysis from phase III clinical trials.
First Author: Michele Bartoletti, MD
- Board 445 ABSTRACT 5567: A phase Ib study of IN10018 in combination with pegylated liposomal doxorubicin (PLD) in patients with platinum-resistant ovarian cancer.
First Author: Lingying Wu, MD, PhD
- Board 446 ABSTRACT 5570: Cisplatin-induced nephrotoxicity in hyperthermic intraperitoneal chemotherapy (HIPEC) is mitigated by sodium thiosulfate: Clinical and toxicotranscriptomic results of a prospective trial.
First Author: Nicole Lugo Santiago, MD
- Board 447 ABSTRACT 5571: Efficacy of maintenance olaparib plus bevacizumab in patients with newly diagnosed advanced ovarian cancer according to BRCA mutation genotype in the phase III PAOLA-1/ENGOT-ov25 trial.
First Author: Sana Intidhar Labidi-Galy, MD, PhD
- Board 448 ABSTRACT 5572: Potential clinical activity of pembrolizumab monotherapy in ovarian sex cords, rare epithelial carcinoma, and other rare ovarian tumor histotypes: The French AcSé pembrolizumab study from Unicancer.
First Author: Isabelle Laure Ray-Coquard, MD, PhD
- Board 449 ABSTRACT 5573: MOONSTONE/GOG-3032: Interim analysis of a phase 2 study of niraparib + dostarlimab in patients (pts) with platinum-resistant ovarian cancer (PROC).
First Author: Leslie M. Randall, MD, MS, FACS
- Board 450 ABSTRACT 5574: Integrated safety summary of single-agent mirvetuximab soravtansine in patients with folate receptor α (FR α)-positive recurrent ovarian cancer: Phase 1 and 3 clinical trials.
First Author: Kathleen N. Moore, MD
- Board 451 ABSTRACT 5575: PemBOv trial: Pembrolizumab plus bevacizumab with or without pegylated liposomal doxorubicin-based chemotherapy in patients with platinum-resistant ovarian cancer.
First Author: Judith Michels, MD, PhD
- Board 452 ABSTRACT 5576: Landscape of homologous recombination reversion mutations in gynecologic malignancies.
First Author: Susan M. Domchek, MD, FASCO
- Board 453 ABSTRACT 5577: CeNtuRiOn: Rucaparib (R) with nivolumab (N) and ipilimumab (I) in patients (pts) with relapsed ovarian cancer (ROC)—Results of an initial safety cohort.
First Author: Marcia Hall, MBBS, PhD
- Board 454 ABSTRACT 5578: Mutational landscape of low-grade serous carcinoma of the ovary.
First Author: Julian C. Schink, MD
- Board 455 ABSTRACT 5579: Pharmacokinetic and pharmacodynamic analysis of adavosertib in advanced ovarian cancer.
First Author: Amit M. Oza, MD
- Board 456 ABSTRACT 5580: Exploring the nuances between BRCA1 and 2: A multiomic analysis.
First Author: Radhika Gogoi, MD, PhD
- Board 457 ABSTRACT 5581: Trends in frontline PARP inhibitor maintenance in advanced epithelial ovarian cancer across the United States.
First Author: Erica Huelsmann, MD

- Board 458 ABSTRACT 5582: Bevacizumab combined with platinum-based chemotherapy in patients with primary or relapsed ovarian cancer: Meta-analysis and literature review.
First Author: Faith Abodunrin, MD
- Board 459 ABSTRACT 5583: Dysfunctional CD8+ T cells in the tumor microenvironment are associated with response to nivolumab in mismatch repair deficient (dMMR) or hypermutated ovarian (OVCA) or endometrial cancer (EC).
First Author: Claire Frances Friedman, MD
- Board 460 ABSTRACT 5584: Clinicopathologic and molecular features associated with response to anti-HER2 therapy in endometrial cancer.
First Author: Sherry Shen, MD
- Board 461 ABSTRACT 5585: Outcomes of recurrent and metastatic endometrial cancer (RMEC) treated with systemic progestins.
First Author: Anjali Kulkarni
- Board 462 ABSTRACT 5586: The ENSURE trial for women with low-risk, early-stage endometrial cancer: A randomized controlled trial comparing the effect of a reduced (4 visits/3 yr) versus usual (8-11 visits/3 yr) follow-up schedule on patient satisfaction, health care use, and disease perception.
First Author: Lonneke van de Poll-Franse, PhD
- Board 463 ABSTRACT 5587: Efficacy of next line of therapy after treatment with lenvatinib (LEN) in combination with pembrolizumab (pembro) versus treatment of physician's choice (TPC) in patients (pts) with advanced endometrial cancer (aEC): Exploratory analysis of Study 309/KEYNOTE-775.
First Author: Vicky Makker, MD
- Board 464 ABSTRACT 5588: HER2 in endometrioid endometrial adenocarcinoma (E-EMCA): Defining incidence, molecular profiles, and outcomes.
First Author: Shaina F. Bruce, MD
- Board 465 ABSTRACT 5589: A phase II trial of IDO-inhibitor, BMS-986205 (IDO), and PD-1 inhibitor, nivolumab (NIVO), in recurrent or persistent endometrial cancer (EC; CA017-056).
First Author: Chrisann Kyi, MD
- Board 466 ABSTRACT 5590: HER2 in uterine carcinosarcoma: Testing platforms and implications for targeted therapy.
First Author: Navin Maredia, MD
- Board 467 ABSTRACT 5591: Camrelizumab plus apatinib in patients with advanced or recurrent endometrial cancer after failure of at least first-line therapy: Interim results of a single-arm phase II trial.
First Author: Huaying Wang, MD, PhD
- Board 468 ABSTRACT 5592: Cell-free DNA analysis as a molecular tool to monitor response to immune checkpoint inhibition in endometrial cancer.
First Author: Beryl Manning-Geist
- Board 469 ABSTRACT 5593: Survival outcomes for dostarlimab and real-world (RW) treatment (tx) paradigms in post-platinum patients (pts) with advanced/recurrent (A/R) endometrial cancer (EC): The GARNET trial versus an external control arm from the Flatiron Health database.
First Author: Robert L. Coleman, MD, FACS, FACOG, FASCO
- Board 470 ABSTRACT 5594: Identification of a novel subtype of endometrial cancer with unfavorable outcome using artificial intelligence-based histopathology image analysis.
First Author: Amirali Darbandsari, BSc
- Board 471 ABSTRACT 5595: Interaction of race and socioeconomic status as risk modulators of treatment delay and cancer-specific mortality in uterine cancer.
First Author: Larissa H. Mattei, MD
- Board 472 ABSTRACT 5596: Biomarker associations of immune checkpoint inhibitor versus chemotherapy effectiveness in first-line metastatic endometrial carcinomas: A real-world study.
First Author: Alessandro Santin, MD
- Board 473 ABSTRACT 5597: Impact of molecular features on outcome in African American or Black women with type 1 endometrial cancer.
First Author: Roy Khalife, MS
- Board 474 ABSTRACT 5598: Stage 1 results of BrUOG 354: A randomized phase II trial of nivolumab alone or in combination with ipilimumab for people with ovarian and other extra-renal clear cell carcinomas (NCT03355976).
First Author: Don S. Dizon, MD, FACP, FASCO
- Board 475 ABSTRACT 5599: Immune phenotypes and T-cell density at the invasive margin correlate with prognosis in epithelial vulvar cancer.
First Author: E. C. Burandt
- Board 476 ABSTRACT 5600: Racial differences in the mutational landscape of serous endometrial cancer.
First Author: Julian C. Schink, MD
- Board 477a ABSTRACT TPS5601: Surgical window-of-opportunity study of megestrol acetate compared with megestrol acetate and metformin for endometrial intraepithelial neoplasia.
First Author: Yanfei Xu, PhD
- Board 477b ABSTRACT TPS5602: A phase 1 adoptive cell therapy using drug-enhanced, tumor-infiltrating lymphocytes, DeTIL-0255, in adults with advanced malignancies.
First Author: Eugenia Girda, MD
- Board 478a ABSTRACT TPS5603: Trial in progress update on ENGOT-cx8/GOG-3024/innovaTV 205: Addition of a new cohort with first-line (1L) tisotumab vedotin (TV) + pembrolizumab (pembro) + carboplatin (carbo) ± bevacizumab (bev) in recurrent/metastatic cervical cancer (r/mCC).
First Author: Ignace Vergote, MD, PhD
- Board 478b ABSTRACT TPS5604: Randomized controlled trial of the efficacy of lymph node dissection on stage IIICr of cervical cancer (CQGOG0103).
First Author: Misi He
- Board 479a ABSTRACT TPS5605: ROCC/GOG-3043: A randomized non-inferiority trial of robotic versus open radical hysterectomy for early-stage cervical cancer.
First Author: Kristin Leigh Bixel, MD, BS
- Board 479b ABSTRACT TPS5606: Pivotal study of ofra-vec (VB-111) combined with paclitaxel versus paclitaxel for treatment of platinum-resistant ovarian cancer (OVAL, VB-111-701/GOG-3018).
First Author: Richard T. Penson, MD, MRCP
- Board 480a ABSTRACT TPS5607: Frontline therapy of anlotinib combined with carboplatin/paclitaxel and maintenance anlotinib in patients with newly diagnosed advanced ovarian cancer: A phase II, single-arm, multicenter study.
First Author: Yi Jiang
- Board 480b ABSTRACT TPS5608: SCOUT-1: Prospective non-interventional study in patients with BRCA/HRD-tested ovarian cancer (OC) eligible for first-line (1L) platinum-based chemotherapy (NOGGO ov54).
First Author: Pauline Wimberger, MD
- Board 481a ABSTRACT TPS5609: ARTISTRY-7: A phase 3, multicenter study of nemvaleukin alfa in combination with pembrolizumab versus chemotherapy in patients (pts) with platinum-resistant epithelial ovarian, fallopian tube, or primary peritoneal cancer.
First Author: Thomas J. Herzog, MD
- Board 481b ABSTRACT TPS5610: A single-arm, phase II study of niraparib and bevacizumab maintenance therapy in patients with platinum-sensitive, recurrent ovarian cancer previously treated with a PARP inhibitor: Korean Gynecologic Oncology Group (KGOG 3056)/NIRVANA-R trial.
First Author: Jung-Yun Lee, MD, PhD
- Board 482a ABSTRACT TPS5611: AGO-OVAR 2.29 (ENGOT-ov34): Atezolizumab in combination with bevacizumab and chemotherapy versus bevacizumab and chemotherapy in recurrent ovarian cancer (ROC).
First Author: Philipp Harter, MD, PhD
- Board 482b ABSTRACT TPS5612: AGO-OVAR 28/ENGOT-ov57: Niraparib versus niraparib in combination with bevacizumab in patients with carboplatin-taxane based chemotherapy in advanced ovarian cancer—A multicenter, randomized, phase III trial.
First Author: Florian Heitz, MD, PhD
- Board 483a ABSTRACT TPS5613: PERCEPTION: Phase II investigational study of pembrolizumab combination with chemotherapy in platinum-sensitive recurrent low-grade serous ovarian cancer—A NOGGO trial.
First Author: Jacek P. Grabowski, MD, PD
- Board 483b ABSTRACT TPS5614: TEDOVA/GINECO-OV244b/ENGOT-ov58 trial: Neo-epitope based vaccine OSE2101 alone or in combination with pembrolizumab versus best supportive care (BSC) as maintenance in platinum-sensitive recurrent ovarian cancer with disease control after platinum.
First Author: Alexandra Leary, MD, PhD
- Board 484a ABSTRACT TPS5615: ENGOT-ov60/GOG-3052/RAMP 201: A phase 2 study of VS-6766 (RAF/MEK clamp) alone and in combination with defactinib (FAK inhibitor) in recurrent low-grade serous ovarian cancer (LGSOC).
First Author: Susana N. Banerjee, MBBS, PhD, MA, FRCP
- Board 484b ABSTRACT TPS5616: GRN300-001: Phase 1/1B evaluation of the safety, pharmacokinetics, and efficacy of GRN-300, a salt-inducible kinase inhibitor, alone and in combination with paclitaxel, in recurrent ovarian, primary peritoneal, and fallopian tube cancers.
First Author: Siqing Fu, MD, PhD
- Board 485a ABSTRACT TPS5617: ENGOT-ov65/KEYNOTE-B96: Phase 3, randomized, double-blind study of pembrolizumab versus placebo plus paclitaxel with optional bevacizumab for platinum-resistant recurrent ovarian cancer.
First Author: Nicoletta Colombo, MD

Board 485b	ABSTRACT TPS5618: A randomized phase II trial of mirvetuximab soravtansine (IMGN853), in folate receptor alpha (FR α)-high recurrent ovarian cancer eligible for platinum-based chemotherapy. First Author: Fabian Trillsch, MD
Board 486a	ABSTRACT TPS5619: FLORA-5/GOG3035: Frontline chemo-immunotherapy (paclitaxel-carboplatin-oregovomab [PCO] versus chemotherapy (paclitaxel-carboplatin-placebo [PCP]) in patients with advanced epithelial ovarian cancer (EOC)—Phase III, double-blind, placebo-controlled, global, multinational study. First Author: Angeles Alvarez Secord, MD, MHS
Board 486b	ABSTRACT TPS5620: ROSELLA: A phase 3 study of relacorilant in combination with nab-paclitaxel versus investigator's choice in advanced, platinum-resistant, high-grade epithelial ovarian, primary peritoneal, or fallopian-tube cancer. First Author: Alexander Olawaiye, MD, FACS, FACOG
Board 487a	ABSTRACT TPS5621: OZM-114: Phase Ib expansion study of CX-5461 in patients with solid tumors and BRCA2 and/or PALB2 mutation. First Author: Husam Alqaisi, MBBCh
Board 487b	ABSTRACT TPS5622: STRO-002-GM2: A phase 1, open-label, safety, pharmacokinetic, and preliminary efficacy study of STRO-002, an anti-folate receptor alpha (FolR α) antibody-drug conjugate (ADC), in combination with bevacizumab in patients with advanced epithelial ovarian cancer (EOC, including fallopian tube or primary peritoneal cancers). First Author: R. Wendel Naumann, MD
Board 488a	ABSTRACT TPS5623: KEYNOTE-C93/GOG-3064/ENGOT-en15: A phase 3, randomized, open-label study of first-line pembrolizumab versus platinum-doublet chemotherapy in mismatch repair deficient advanced or recurrent endometrial carcinoma. First Author: Brian M. Slomovitz, MD
Board 488b	ABSTRACT TPS5624: Trial in progress: Phase II activity trial of high-dose radiation and chemosensitization in patients with macrometastatic lymph node spread after sentinel node biopsy in vulvar cancer: Groningen International Study on Sentinel Nodes in Vulvar Cancer III (GROINSS-V III/NRG-GY024). First Author: Lilian Tran Gien, MD

Saturday, June 4

1:15 PM - 4:15 PM | Hall A

Professional Development and Education Advances

Abstracts on Boards 194-205 will be discussed during the Professional Development and Education Advances Poster Discussion Session.

Posters by Topic

Clinician Burnout and Resiliency: Boards 204, 206-214

Education Research: Boards 194, 197-203, 215-231

Social Media Research: Boards 205, 232-237

Workplace Disparities/Issues: Boards 195-196, 238-252

Board 194	ABSTRACT 11003: Medical student clinical cultural awareness in cancer care of sexual and gender minorities. First Author: Cherry Au, MD
Board 195	ABSTRACT 11004: Seeking racial equity in hematology and oncology: A fellow-led educational series to promote reflection and action. First Author: Jacob Newton Stein, MD, MPH
Board 196	ABSTRACT 11005: The parent penalty: Parental leave and return to work in trainees and early-career faculty in oncology. First Author: Sindhu Janarthanam Malapati, MD
Board 197	ABSTRACT 11006: Global oncology and cancer disparities education. First Author: Victoria Forbes, MD, MS
Board 198	ABSTRACT 11007: A collaborative model for continuing medical education: Impact of a distance learning curriculum for existing radiation oncology centers in Africa and Latin America. First Author: Meridith Leigh Balbach
Board 199	ABSTRACT 11008: Mapping global oncology priorities: A survey of the directors of the NCI-designated cancer centers. First Author: Laura Prakash, MPH
Board 200	ABSTRACT 11009: Assessing the landscape in medical oncology medical education scholarship: A scoping study. First Author: Ruijia Jin
Board 201	ABSTRACT 11010: Online scaffolds: A constructivist approach to oncology fellow learning. First Author: Sam Brondfield, MD, MA
Board 202	ABSTRACT 11011: Implementation and efficacy of a fellow-led, case-based noon lecture series. First Author: James Dickerson

Board 203	ABSTRACT 11012: Coupling gamified continuing education with confidence-based assessment to address knowledge gaps and assess attitudes towards liquid biopsy for cancer screening among primary care providers. First Author: Jillian L. Scavone
Board 204	ABSTRACT 11013: Impact of social media on the emotional health and burnout of pediatric and adult oncology professionals: A SWOG and COG survey. First Author: Scott Moerdler, MD
Board 205	ABSTRACT 11014: Factors associated with Altmetric attention scores for randomized phase III cancer clinical trials. First Author: Michael Kevin Rooney, MD
Board 206	ABSTRACT 11015: Burnout among early-career medical oncologists: A single-institution experience. First Author: Anmol Singh, MD
Board 207	ABSTRACT 11016: Feasibility of virtual stress management and resiliency training (SMART) for oncology fellows during the COVID-19 pandemic. First Author: Colt Williams, MD
Board 208	ABSTRACT 11017: A systemic look at professional burnout and well-being within an urban cancer center as a roadmap to recovery. First Author: Alyson B. Moadel, PhD
Board 209	ABSTRACT 11018: Impact of structured debriefing sessions on residents rotating on inpatient oncology. First Author: Hina Dalal, DO
Board 210	ABSTRACT 11019: ASCO oral presenters five years later: Leaks in the pipeline? First Author: Forrest Kwong
Board 211	ABSTRACT 11020: Preventing healthcare professional burnout in oncology: How creative patient encouragement can go both ways. First Author: Grace Yujin Lee
Board 212	ABSTRACT 11021: Alleviating the click fatigue on clinicians to improve referrals for colorectal cancer screening. First Author: Robby Amin, MD
Board 213	ABSTRACT 11022: Piloting virtual mentorship: Evaluating acceptability and influence on wellness and professional identity in medical oncology (MO). First Author: Andrea S. Fung, MD, PhD
Board 214	ABSTRACT 11023: Effect of transition from inpatient oncology service to oncology consult service on fellow burn out and training. First Author: Anosha Tariq
Board 215	ABSTRACT 11024: A needs assessment survey to inform a general practitioner in oncology (GPO) training program in Nepal. First Author: Bishal Gyawali, MD, PhD
Board 216	ABSTRACT 11025: Characterization of industry relationships in oncology. First Author: Rebecca A. Harrison, MD
Board 217	ABSTRACT 11026: Gaps in adolescent and young adult oncology education during medical and pediatric hematology/oncology fellowship training. First Author: Adam Duvall, MD
Board 218	ABSTRACT 11027: Efficacy of a novel journal club series at an academic hematology/oncology fellowship program. First Author: Vivek Patel, MD
Board 219	ABSTRACT 11028: Applying cognitive integration to oncology: A novel asynchronous foundational science curriculum for medical students during clerkships. First Author: Sam Brondfield, MD, MA
Board 220	ABSTRACT 11029: Adapting a medical school cancer research education program to the virtual environment. First Author: Omar Vayani
Board 221	ABSTRACT 11030: Medical student readiness to treat LGBTQ patients. First Author: Matthew B. Schabath, PhD
Board 222	ABSTRACT 11031: Transdisciplinary research in energetics and cancer (TREC) training program for early career investigators. First Author: Melinda L. Irwin
Board 223	ABSTRACT 11032: Impact of learning program on treatment recommendations by molecular tumor boards and an artificial intelligence-based annotation system: A prospective study. First Author: Kuniko Sunami, MD, PhD
Board 224	ABSTRACT 11033: A longitudinal study assessing the impact of ongoing COVID-19 pandemic among hematology-oncology trainees. First Author: Sufana Shikdar, MD, MPH
Board 225	ABSTRACT 11034: Professional development in a Twitter hematology/oncology network for trainees. First Author: Muhammad Salman Faisal, MBBS

- Board 226 ABSTRACT 11035: The future of the oncology workforce: Presenters at an international trainee oncology conference.
First Author: Andrea Anampa-Guzmán
- Board 227 ABSTRACT 11036: Google search engine analytics for cancer immunotherapy: What patients are searching for on the internet and where they find answers.
First Author: Neeraj Suresh, BS
- Board 228 ABSTRACT 11037: Evaluating the quality of clinical evidence in gastro-intestinal cancers PubMed searches: How relevant are the results?
First Author: Ivy Riano, MD
- Board 229 ABSTRACT 11038: The need to develop the career pathway in oncology as an opportunity to improve the satisfaction of young oncologists in Spain: A national survey by the Spanish Society of Medical Oncology (SEOM) + mir section.
First Author: Pablo Jiménez Labaig
- Board 230 ABSTRACT 11039: The impact of mentoring on early career faculty: Assessment of a virtual mentoring program.
First Author: Akanksha Sharma, MD
- Board 231 ABSTRACT 11040: Generating meaningful peer-to-peer engagement through a mentor-led, small group social learning experience on the evolving standards of care for advanced HER2+ breast cancer.
First Author: Latha Shivakumar, PhD
- Board 232 ABSTRACT 11041: Quality and content of online cancer information: An analysis of NCI-designated cancer center YouTube videos.
First Author: Luke Kim
- Board 233 ABSTRACT 11042: Are YouTube videos a reliable information source for young women with metastatic breast cancer?
First Author: Nina Morena, MA
- Board 234 ABSTRACT 11043: Characterizing online engagement and academic impact of oncology research during the COVID-19 pandemic.
First Author: Chandrasekar Muthiah, MD
- Board 235 ABSTRACT 11044: Comparing online engagement and academic impact of lung cancer research: An altmetric attention score and PlumX analysis.
First Author: Arun Muthiah, MD
- Board 236 ABSTRACT 11045: #SurgOnc: Global discussions about surgical cancer care on Twitter during COVID-19.
First Author: Sofia Gereta, BA
- Board 237 ABSTRACT 11046: Evaluation of trends in breast cancer-related content on TikTok.
First Author: Nanda Siva, BS
- Board 238 ABSTRACT 11047: Are we doing it right? Mentorship challenges for oncology fellows and early-career faculty from backgrounds underrepresented in medicine.
First Author: Dame Idossa, MD
- Board 239 ABSTRACT 11048: Gender disparity in authorship of clinical trials leading to cancer drug approvals between 2008 and 2018: The glass ceiling of academic oncology.
First Author: Lynne O. Chapman, MD
- Board 240 ABSTRACT 11049: National impact of the COVID-19 pandemic on clinical trial staff attrition: Results of the SWOG Cancer Research Network Survey of Oncology Research Professionals.
First Author: Don S. Dizon, MD, FACP, FASCO
- Board 241 ABSTRACT 11050: Race- and sex-based variation in industry research and general payments to medical oncologists in the United States.
First Author: Imraan Jan, DO
- Board 242 ABSTRACT 11051: Trainee and program director perspectives of parental leave and parenthood in oncologic specialties.
First Author: Sara Beltran Ponce, MD
- Board 243 ABSTRACT 11052: Female representation in oncology leadership in Africa: Analysis of trends in the African organization for cancer research and training in cancer (AORTIC).
First Author: Miriam Claire Mutebi, MBChB, MMed, MSc
- Board 244 ABSTRACT 11053: Recent trends of “manels” and gender representation among panelists at the ASCO annual meeting.
First Author: Sophia C. Kamran, MD
- Board 245 ABSTRACT 11054: Where is your lactation room? Lactation policies and practices in oncology trainee and early career physicians.
First Author: Sindhu Janarthanam Malapati, MD
- Board 246 ABSTRACT 11055: Identifying predictors of equitable gender representation among hematology and oncology fellowship programs.
First Author: Sasirekha Pandravada, DO
- Board 247 ABSTRACT 11056: Exploring perceptions of gender bias in oncology: A survey study.
First Author: Nino Balanchivadze, MD

- Board 248 ABSTRACT 11057: The impact of diversity, equity, and inclusion training in an independent community oncology practice.
First Author: Mark T. Fleming, MD
- Board 249 ABSTRACT 11058: Self-identification of gender and race/ethnicity in hematology and oncology journal editorial boards: What is the state of diversity?
First Author: Ivy Riano, MD
- Board 250 ABSTRACT 11059: Experiences of researchers fulfilling VHA’s “fourth mission” during the COVID-19 pandemic.
First Author: Kenneth Csehak, MD
- Board 251 ABSTRACT 11060: Gender and early career faculty disparities in hematology and medical oncology board review lectures series.
First Author: Leen Mohammad Al-Kraimeen
- Board 252 ABSTRACT 11061: Comparison of methodology in the collection of gender and race/ethnicity in hematology and oncology journal editorial boards.
First Author: Shruti Rajesh Patel, MD

Saturday, June 4

1:15 PM - 4:15 PM | Hall A

Symptoms and Survivorship

Abstracts on Boards 259-270 will be discussed during the Symptoms and Survivorship Poster Discussion Session.

Posters by Topic

Caregivers: Boards 261, 267, 271-273

End-of-Life Care: Boards 274-281

Geriatric Oncology: Boards 282-303

Health Promotion: Boards 259-260, 263, 304-314

Late and Long-Term Adverse Effects: Boards 268, 270, 315-342

Palliative Care and Symptom Management: Boards 264-266, 269, 343-371

Psychosocial and Communication Research: Boards 262, 372-381

Trials in Progress: Boards 382a-389a

- Board 259 ABSTRACT 12013: Effectiveness of Active Living After Cancer (ALAC), a community-based physical activity program for underserved cancer survivors and their caregivers.
First Author: Scherezade K. Mama, DrPH
- Board 260 ABSTRACT 12014: Association of parental cancer and minor child’s unmet economic needs in food, housing, and transportation.
First Author: Zhiyuan Zheng, PhD
- Board 261 ABSTRACT 12015: Bias reported by family caregivers of healthcare team support when assisting patients with cancer-related decision-making.
First Author: James Nicholas Dionne-Odom, RN, PhD
- Board 262 ABSTRACT 12016: Accounting for the high enrollment of African Americans in Winship Cancer Institute’s myeloma clinical trials.
First Author: Tekiah McClary, BS
- Board 263 ABSTRACT 12017: Strategies for implementing an ePRO-based symptom management program (eSyM) across six cancer centers.
First Author: Michael J. Hassett, MD, MPH, FASCO
- Board 264 ABSTRACT 12018: Psychological mobile app for patients with acute myeloid leukemia (AML): A randomized clinical trial.
First Author: Areej El-Jawahri, MD
- Board 265 ABSTRACT 12019: Efficacy of a password-protected, pill-dispensing device with mail return capacity to enhance disposal of unused opioids after cancer surgery.
First Author: Jacob C. Cogan, MD
- Board 266 ABSTRACT 12020: PEARL: A randomised phase 3 trial of palliative care early in advanced lung cancers (ALTG/TOGA 13/008).
First Author: Linda R. Mileshekin, MD, FRACP
- Board 267 ABSTRACT 12021: Bereavement practices of gynecologic oncologists: Physician and care team practices compared to caregiver needs.
First Author: Lauren Harrison, MD, MS
- Board 268 ABSTRACT 12022: Oral minoxidil for the treatment of late alopecia in cancer survivors.
First Author: Alyce Mei-Shiuan Kuo
- Board 269 ABSTRACT 12023: Vitamin D insufficiency as a peripheral neuropathy risk factor in white and black patients in SWOG 0221.
First Author: Ciao-Sin Chelsea Chen
- Board 270 ABSTRACT 12024: Differences in clinician and patient assessment of baseline neuropathy in patients receiving taxane-based chemotherapy enrolled to SWOG S1714 (NCT# 03939481).
First Author: Meghna S. Trivedi, MD, MS

- Board 271 ABSTRACT 12025: Influence of decision support persons on breast cancer treatment decisions among Latinas.
First Author: Krystal A. Morales, MD, PhD
- Board 272 ABSTRACT 12026: Patients with cancer symptom and physical function reporting by caregivers as predictors of adverse clinical outcomes.
First Author: Elad Neeman, MD
- Board 273 ABSTRACT 12027: Financial stress and burden among caregivers of cancer survivors in the United States.
First Author: Nicholas Theodoropoulos, MD
- Board 274 ABSTRACT 12028: Medical assistance in dying (MAiD) in patients with cancer.
First Author: Sara Moore, MD
- Board 275 ABSTRACT 12029: Prognostic impact of systemic anti-cancer therapy on patients with advanced cancer at end of life: Analysis of a multicenter prospective cohort study using propensity score methods.
First Author: Shuji Hiramoto
- Board 276 ABSTRACT 12030: The impact of primary palliative care on advance care planning in advanced cancer.
First Author: Michael Cohen, MD
- Board 277 ABSTRACT 12031: Quality of end-of-life care for patients with multiple myeloma: A 12-year analysis of a population-based cohort.
First Author: Ghulam Rehman Mohyuddin, MD
- Board 278 ABSTRACT 12032: Death with dignity utilization among patients with thoracic, head, and neck cancer.
First Author: Natalie F. Uy, MD
- Board 279 ABSTRACT 12033: Cancer doesn't know what day of the week it is: Temporal trends in day of death, 2000-2017.
First Author: Kanan Shah
- Board 280 ABSTRACT 12034: Geographic disparities in breast cancer mortality and place of death in the United States from 2003 to 2019.
First Author: Kelli Clemons
- Board 281 ABSTRACT 12035: Sociodemographic factors associated with end-of-life palliative care utilization in female breast cancer: A national inpatient database analysis.
First Author: Tien-Chan Hsieh, MD
- Board 282 ABSTRACT 12036: Comparative study of two cohorts of older adults with advanced cancer treated before and after implementation of a geriatric oncology service.
First Author: Tomohiro F. Nishijima, MD
- Board 283 ABSTRACT 12037: The impact of diabetes on the performance of skeletal muscle density (SMD) in screening for frailty: Findings from the Cancer and Aging Resilience Evaluation (CARE) Registry.
First Author: Sydney T. Thai, MS
- Board 284 ABSTRACT 12038: Modified CARG score using data from the electronic health record to predict chemotherapy toxicity in older adults.
First Author: Jasmine L. Martin, MD
- Board 285 ABSTRACT 12039: Improved overall survival of metastatic cancers in the United States across all age groups in the immunotherapy era: Implications for considering elderly patients (age ≥ 75) for immune checkpoint inhibitors (ICIs).
First Author: Yu-Wei Chen, MD, MS
- Board 286 ABSTRACT 12040: Deficit Accumulation Frailty Index (DAFI) scores and acute myeloid leukemia outcomes.
First Author: Catherine Lai, MD, MPH
- Board 287 ABSTRACT 12041: General practitioner contacts, hospitalizations, and nursing home transfers in older patients up to three years after new cancer diagnosis: Results from a large data linkage cohort study.
First Author: Victoria Depoorter
- Board 288 ABSTRACT 12042: Functional decline in older breast cancer survivors treated with and without chemotherapy and non-cancer controls.
First Author: Jingran Ji, MD
- Board 289 ABSTRACT 12043: Validation of the Cancer and Aging Research Group (CARG) model to identify risks of chemotherapy toxicities in Asian older adults.
First Author: Jia Li Low, MBBS
- Board 290 ABSTRACT 12044: Adherence to oral treatments in elderly patients with advanced prostate cancer: The ADHERE study, a prospective trial of the Meet-URO network.
First Author: Pasquale Rescigno, MD, PhD
- Board 291 ABSTRACT 12045: Early patient-reported outcomes are a promising predictive factor of cancer progress and outcome in older patients: The EPROFECY study.
First Author: Carole Helissey, MD
- Board 292 ABSTRACT 12046: New strategies for multimodal analgesia in patients with high-risk geriatric cancer in perioperative period.
First Author: Sergey V. Tumanyan
- Board 293 ABSTRACT 12047: Locoregional therapy trends by frailty and life expectancy in older adults with T1N0 hormone receptor-positive breast cancer.
First Author: Christina Ahn Minami, MD, MS
- Board 294 ABSTRACT 12048: Predictive factors of toxicity of immune checkpoint inhibitors (ICI) in older patients with lung cancer: The ToxImmune study.
First Author: Carole Helissey, MD
- Board 295 ABSTRACT 12049: Geriatric assessment (GA) and the influence on the variability of treatment recommendations for elderly patients (pts) with gastrointestinal (GI) tumors.
First Author: Moritz Buettelmann
- Board 296 ABSTRACT 12050: Factors associated with the evaluation of geriatric assessment (GA) domains by oncology specialists in Mexico.
First Author: Haydee Cristina Verduzco-Aguirre, MD
- Board 297 ABSTRACT 12051: Nurse navigator-initiated geriatric assessments in hematology/oncology clinics.
First Author: John L. Shaia, MD
- Board 298 ABSTRACT 12052: Remote geriatric assessment program for older patients starting new chemotherapy treatment in Brazil.
First Author: Cristiane Decat Bergerot, PhD
- Board 299 ABSTRACT 12053: Association of polypharmacy and potential drug-drug interactions with adverse outcomes in older adults with advanced cancer receiving systemic treatment.
First Author: Mostafa Refaat Mohamed, MBBCh, MSc
- Board 300 ABSTRACT 12054: Prevalence of frailty for middle-aged and older adults starting a new line of systemic cancer treatment: Is age just a number?
First Author: Mackenzi Pergolotti, PhD
- Board 301 ABSTRACT 12055: Using G8 and carg toxicity score to predict emergency room (ER) visits, hospitalizations, and mortality in older patients with newly diagnosed cancer.
First Author: Amit Arora, MD, MBBS, MS
- Board 302 ABSTRACT 12056: Remote symptom monitoring (RSM) during treatment for metastatic prostate cancer (mPC) in older men: Feasibility and efficacy.
First Author: Shabbir M.H. Alibhai, MD, MSc
- Board 303 ABSTRACT 12057: Using CT-based body composition metrics and frailty index in predicting survival among older adults with cancer.
First Author: Smith Giri, MHS
- Board 304 ABSTRACT 12058: Complementary and alternative medicine use and recommendations for discontinuation of supplements in an integrative oncology clinic.
First Author: Stacy D. D'Andre, MD
- Board 305 ABSTRACT 12059: Impact of circuit, interval-based exercise on insulin resistance and adiponectin among minority cancer survivors.
First Author: Cameron Christopher
- Board 306 ABSTRACT 12060: Symptom monitoring with patient-reported outcomes using a web app with alerting algorithms among patients with lung cancer (SYMPRO-Lung).
First Author: Annemarie Becker
- Board 307 ABSTRACT 12061: Evaluation of social connectedness, loneliness, and anxiety among cancer survivors during the 2020-2021 winter surge of COVID-19 pandemic.
First Author: Hermine Poghosyan, PhD, MPH
- Board 308 ABSTRACT 12062: Prevalence of pain symptoms among U.S. adult cancer survivors.
First Author: Xinwen Hu, MD/MPHS Student
- Board 309 ABSTRACT 12063: Sacubitril-valsartan improves longitudinal strain and ejection fraction in preclinical models treated with anthracyclines through NLRP3, MyD88 pathways resulting in a reduction of myocardial IL-1 β , IL-6, TNF- α and growth factors.
First Author: Nicola Maurea
- Board 310 ABSTRACT 12064: Performance of the 2021 CKD-EPI equations without a race coefficient in a multi-racial population of adults with solid tumors: A prospective cross-sectional study.
First Author: Veronica Torres Costa E Silva, MD, PhD
- Board 311 ABSTRACT LBA12065: Humoral and cellular immune response to Sars-CoV-2 wild-type and variants of concern following 3-dose vaccination in a large cohort of adults with cancer: The SerOzNET study.
First Author: Eva Segelov, MBBS, PhD

- Board 312 ABSTRACT 12066: Development of breast cancer after thyroid cancer and trends over time.
First Author: Kriti Ahuja
- Board 313 ABSTRACT 12067: Retrospective analysis of healthcare disparities in Philadelphia chromosome-positive ALL: A single-institution experience of a large metropolitan area.
First Author: Ian Michael Bouligny, MD
- Board 314 ABSTRACT LBA12068: Patient-reported toxicity and quality of life following Sars-CoV-2 vaccination in adults and children with cancer.
First Author: Amy Body, MBBS
- Board 315 ABSTRACT 12069: Lymphedema therapy referral is associated with improved understanding of lymphedema prevention among breast cancer survivors.
First Author: Madelyn Klugman, MD, MSc
- Board 316 ABSTRACT 12070: Cardiovascular disease in testicular cancer survivors: Identification of risk factors and impact on quality of life.
First Author: Sjoukje Lubberts, MD
- Board 317 ABSTRACT 12071: Time for paying attention to fluoropyrimidine-associated cardiotoxicity: A pooled data analysis for epidemiology based on 60537 cases.
First Author: Yajie Lu, MD
- Board 318 ABSTRACT 12072: Randomized trial of atorvastatin during and following receipt of doxorubicin for breast cancer and lymphoma (WF-98213).
First Author: William Gregory Hundley, MD
- Board 319 ABSTRACT 12073: Analysis of incidence/mortality/cost for thrombotic events in hospitalized patients with lung cancer using the National Inpatient Sample database.
First Author: Kuldeepsinh Atodaria, MBBS
- Board 320 ABSTRACT 12074: The association of early integrated rehabilitation and moderate or severe fatigue in 600 patients with breast cancer: A comparison between the intervention group and control group in a prospective study.
First Author: Nikola Besic, MD, PhD
- Board 321 ABSTRACT 12075: Racial differences in cardiovascular disease mortality among cancer survivors.
First Author: Hyuna Sung, PhD
- Board 322 ABSTRACT 12076: SNP-SNP interactions and a 4-locus model for prediction the risk of anthracycline-mediated cardiotoxicity in patients with breast cancer.
First Author: Dmitry Yu. Gvaldin
- Board 323 ABSTRACT 12077: Polymorphism rs4673 and plasma paraoxonase 1 level for prediction and early diagnosis of anthracycline-mediated cardiotoxicity in patients with breast cancer.
First Author: Dmitry Yu. Gvaldin
- Board 324 ABSTRACT 12078: CT scan versus bioelectrical impedance spectrometry sarcopenia assessment to predict chemotherapy toxicity in early breast cancer.
First Author: Gabriel Aleixo, MD
- Board 325 ABSTRACT 12079: Change in telomere length and cardiovascular risk in testicular cancer survivors.
First Author: Ellen L.D. Volders, MD
- Board 326 ABSTRACT 12080: Impact of adverse health outcomes (AHOs) on self-reported physical and mental health in U.S. testicular cancer survivors (TCS).
First Author: Paul C. Dinh Jr., PhD
- Board 327 ABSTRACT 12081: Effects of exercise during adjuvant chemotherapy for breast cancer on long-term cardiotoxicity.
First Author: Willeke Naaktgeboren
- Board 328 ABSTRACT 12082: Thromboembolism (TE) and association with survival in patients (pts) with melanoma receiving chemo- or immunotherapy.
First Author: Tamara A. Sussman, MD
- Board 329 ABSTRACT 12083: Adverse health outcomes (AHO) in testis cancer survivors (TCS) following high-dose chemotherapy (HDCT) and autologous stem cell transplant.
First Author: Meagan Elizabeth Miller, MD
- Board 330 ABSTRACT 12084: Impact of anti-HER2 therapy alone and in association with weekly paclitaxel on the ovarian reserve of young women with HER2-positive early breast cancer: Biomarker analysis of the NeoALTTO trial.
First Author: Matteo Lambertini, MD
- Board 331 ABSTRACT 12085: Open-label, phase 2 study of roxadustat for treatment of anemia in patients receiving chemotherapy for non-myeloid malignancies.
First Author: John A. Glaspy, MD, MPH
- Board 332 ABSTRACT 12086: Cancer diagnosis, cancer treatment, and association with cardiovascular disease in older adults: Results from ASPREE.
First Author: Jaidyn Muhandiramge, MD
- Board 333 ABSTRACT 12087: Trajectory of aging following diagnosis of cancer.
First Author: Morgan Simons, MD
- Board 334 ABSTRACT 12088: Associations between DNA methylation age and chronic health conditions in survivors of childhood leukemia and CNS tumor.
First Author: Maria Monica Gramatges, MD, PhD
- Board 335 ABSTRACT 12089: Association of metabolic risk factors with breast cancer survival in a population-based cohort.
First Author: Elizabeth Feliciano, ScD, ScM
- Board 336 ABSTRACT 12090: Quantification of methylation-specific cardiomyocyte cell-free DNA as an early marker of cardiotoxicity in patients with breast cancer receiving anthracyclines and trastuzumab.
First Author: Zachary Ray Moore, MD, PhD
- Board 337 ABSTRACT 12091: Racial disparity in breast cancer survivorship: Results of a qualitative research study to identify themes from a series national healthcare provider live virtual forums.
First Author: Jill M. Binkley, PT, MSc, CLT
- Board 338 ABSTRACT 12092: Long-term outcomes of adrenal insufficiency (AI) due to anti-PD(L)-1 immune checkpoint inhibitors (ICI) among patients with cancer.
First Author: Ben Nguyen, MD
- Board 339 ABSTRACT 12093: Hair Safe Study: Effects of scalp cooling on hair preservation and hair regrowth in breast cancer therapy—A prospective interventional study.
First Author: Christine Brunner, MD
- Board 340 ABSTRACT 12094: Predictive value of baseline patient-rated treatment bother for early anastrozole discontinuation in a racially diverse cohort: Results from ECOG-ACRIN E1Z11.
First Author: Fengmin Zhao, PhD
- Board 341 ABSTRACT 12095: Associations between diet quality and chronic health conditions (CHCs) in adult survivors of childhood cancer in the St. Jude Lifetime Cohort Study (SJLIFE).
First Author: Emily R. Finch, PhD
- Board 342 ABSTRACT 12096: Physical performance limitations and participation restrictions among cancer survivors: A population-based study from NHANES data 2015-2018.
First Author: Samantha A. Myers
- Board 343 ABSTRACT 12097: The safety and efficacy of psilocybin therapy in patients with cancer and major depressive disorder.
First Author: Manish Agrawal, MD
- Board 344 ABSTRACT 12099: An open-label, randomized, controlled trial to evaluate the efficacy of antihistamine premedication and infusion prolongation in prevention of hypersensitivity reaction to oxaliplatin.
First Author: Chalita Lagampan, MD
- Board 345 ABSTRACT 12100: Interim analysis of a single-center, single-arm, prospective phase 2 study to evaluate the efficacy and safety of benralizumab for alpelisib rash in metastatic PIK3CA-mutant, hormone receptor-positive breast cancer.
First Author: Mario E. Lacouture, MD
- Board 346 ABSTRACT 12101: Racial differences in interest and use of integrative medicine among patients with breast cancer.
First Author: Jori Sheade, MD
- Board 347 ABSTRACT 12102: Race differences in patient-reported symptoms and adherence to adjuvant endocrine therapy among women with early-stage, hormone receptor-positive breast cancer.
First Author: Xin Hu
- Board 348 ABSTRACT 12103: Efficacy and safety of dexamethasone-based mouthwash to prevent chemotherapy-induced stomatitis in women with breast cancer: A multicenter, open-label, randomized phase II study.
First Author: Shigeto Maeda, MD, PhD
- Board 349 ABSTRACT 12104: Efficacy of olanzapine, netupitant, and palonosetron in controlling nausea and vomiting associated with highly emetogenic chemotherapy in patients with breast cancer (OLNEPA).
First Author: Camilla Vieira de Reboucas, MD
- Board 350 ABSTRACT 12105: Using the consolidated framework for implementation research to evaluate facilitators and barriers to early outpatient specialty palliative care in patients with advanced cancer.
First Author: Rachel E. Rosenblum, MD
- Board 351 ABSTRACT 12106: Phase 2, randomized, double-blind trial of EC-18 versus placebo to mitigate the development and time course of oral mucositis from concomitant chemoradiation for head and neck cancer.
First Author: Christina Henson, MD

- Board 352 ABSTRACT 12107: Olanzapine with or without an NK-1 receptor antagonist for preventing chemotherapy-induced nausea and vomiting in patients receiving highly emetogenic chemotherapy: A phase III randomized, double-blind, placebo-controlled trial (ALLIANCE A221602).
First Author: Rudolph M. Navari, MD, PhD
- Board 353 ABSTRACT 12109: A single-arm feasibility trial of memantine to prevent chemotherapy-related cognitive decline in patients with early breast cancer.
First Author: Zev Nakamura, MD
- Board 354 ABSTRACT 12110: Body weight (BW) response timing to anamorelin (ANAM) in advanced non-small cell lung cancer (NSCLC)-associated cachexia.
First Author: Richard J.E. Skipworth, MBChB
- Board 355 ABSTRACT 12111: Intravenous amisulpride as rescue treatment of postoperative nausea and vomiting in patients undergoing oncologic surgical procedures.
First Author: Amber Elliott
- Board 356 ABSTRACT 12112: Alleviating breathlessness in patients with cancer with dexamethasone (ABCD): A parallel-group, double-blind, randomized clinical trial (RCT).
First Author: David Hui, MD
- Board 357 ABSTRACT 12113: Efficacy and safety of SER-109, an investigational microbiome therapeutic for recurrent *Clostridioides difficile* infection: Data from ECOSPOR III, a phase 3 randomized trial.
First Author: Alla Paskovaty
- Board 358 ABSTRACT 12114: Patient-reported hope, quality of life (QOL), symptom burden, and coping mechanisms in early phase clinical trial participants.
First Author: Debra Lundquist, PhD, RN
- Board 359 ABSTRACT 12115: Implementation of electronic patient-reported outcomes in head and neck oncology at a comprehensive cancer center.
First Author: Nadine Jackson McCleary, MD, MPH, BSN
- Board 360 ABSTRACT 12116: Risk assessment model potency to detect patients most likely to benefit from thromboprophylaxis: An application of the TARGET-TP score.
First Author: Kate Burbury, MBBS, DPhil, FRACP, FRCPA
- Board 361 ABSTRACT 12117: Embedded outpatient palliative care for hematologic malignancies: Referral patterns and health care utilization.
First Author: Mazie Tsang, MD, MS
- Board 362 ABSTRACT 12118: Efficacy of a nurse monitoring service at preventing disease- or therapy-related symptoms in patients receiving targeted therapy or immunotherapy.
First Author: Andrea Sbrana, MD
- Board 363 ABSTRACT 12119: Suicide risk among patients with cancer in the United States, 2000-2016.
First Author: Xuesong Han, PhD
- Board 364 ABSTRACT 12120: Impact of cisplatin-induced hearing loss (CIHL) on patient-reported social and emotional functioning.
First Author: Victoria Sanchez, AuD, PhD
- Board 365 ABSTRACT 12121: Machine learning model to predict mortality after discharge in hospitalized oncologic patients (pts) under active systemic therapy in the advanced setting: A multicenter cross-validation study.
First Author: Oriol Mirallas
- Board 366 ABSTRACT 12122: Self-reported efficacy and usage of cannabis among patients with cancer within the Minnesota Cannabis Program.
First Author: Dylan M. Zylla, MD, MS
- Board 367 ABSTRACT 12123: Increasing the use of olanzapine in patients receiving chemotherapy in a community oncology practice.
First Author: Bindu Rani Potugari, MD
- Board 368 ABSTRACT 12124: Acupuncture for hot flashes in hormone receptor-positive breast cancer, a pooled analysis of individual patient data from parallel randomized trials.
First Author: Weidong Lu, MB, PhD, MPH
- Board 369 ABSTRACT 12125: Prevalence and perceptions of cannabis use among racially diverse patients with cancer pain: Results from a multi-site survey.
First Author: Brooke Worster, MD
- Board 370 ABSTRACT 12126: Delayed versus immediate start of chemotherapy in asymptomatic patients with metastatic cancer: A systematic review and meta-analysis.
First Author: Simone Augustinus, MD
- Board 371 ABSTRACT 12127: Impact of an augmented intelligence-based tool upon the timeliness of referrals to palliative care and hospice in patients with advanced cancer in the real-world setting.
First Author: Ajeet Gajra, MD, FACP
- Board 372 ABSTRACT 12128: Major stressful events and risk of developing head/neck and pancreatic cancer.
First Author: Arthi Sridhar, MD
- Board 373 ABSTRACT 12129: Effects of a yoga intervention on distress indicators among diverse women with gynecologic, gastrointestinal, and thoracic cancers.
First Author: Grace Ann Hanvey, MS
- Board 374 ABSTRACT 12130: Can personality feedback improve the process of self-management in cancer? Results from a randomized controlled trial.
First Author: Laura M. Perry, PhD
- Board 375 ABSTRACT 12131: Association between unmet needs and utilization of emergency services among cancer survivors in Canada.
First Author: Megan Delisle, MD, MPH, MSc
- Board 376 ABSTRACT 12132: Sexual desire and satisfaction: Exploring gaps for the sexually inactive breast cancer survivor.
First Author: Hannah Grace Peifer, BA
- Board 377 ABSTRACT 12133: Assessing Egyptian oncology patients' perceptions of treatment goals: A multicenter study.
First Author: Manar Hamed, MSc
- Board 378 ABSTRACT 12134: The symbiosis of healthcare professionals and patients: Understanding the dynamics of long-term care relationships between healthcare professionals and patients in oncology.
First Author: Liam Il-Young Chung
- Board 379 ABSTRACT 12135: A comparative study of unmet information needs of patients with lymphoma and CLL: North America and Europe.
First Author: Olufunmilayo (Funmi) Bamigbola
- Board 380 ABSTRACT 12136: Vital best practices for antiracist patient engagement in AYA oncology research and advocacy: A Delphi study of BIPOC AYA experts.
First Author: Christabel K. Cheung, PhD, MSW
- Board 381 ABSTRACT 12137: Understanding barriers and facilitators to clinical trial participation among Black patients with multiple myeloma.
First Author: Claire Saxton
- Board 382a ABSTRACT TPS12138: Take charge during treatment: A planned exercise protocol to evaluate disparities and cardiovascular outcomes in Black and White patients with breast cancer undergoing treatment.
First Author: Mary Hidde, PhD
- Board 382b ABSTRACT TPS12139: Episodic future thinking: A behavioral intervention to promote weight loss in breast cancer survivors.
First Author: Jasmine S. Sukumar, MD
- Board 383a ABSTRACT TPS12140: Targeting adiposity and inflammation with movement to improve prognosis in breast cancer survivors (the AIM trial): Rationale, design, and methods.
First Author: Christina Marie Dieli-Conwright, PhD, MPH
- Board 383b ABSTRACT TPS12141: Preventive effect of goshajinkigan against peripheral neuropathy induced by paclitaxel-containing chemotherapy: An open-label, randomized, phase II study.
First Author: Naoki Nakamura, MD
- Board 384a ABSTRACT TPS12142: Prospective study of biomarkers predictive of radiation-induced bladder toxicity in patients treated with radiotherapy for localized prostate cancer: RABBIT (Radiotoxicity Bladder Biomarkers).
First Author: Carole Helissey, MD
- Board 384b ABSTRACT TPS12143: Telehealth cognitive-behavioral therapy for cancer-related cognitive impairment: A model for remote clinical trial participation.
First Author: Robert J. Ferguson, PhD
- Board 385a ABSTRACT TPS12144: The RADIO trial: Randomized assessment of cisplatin dosing interval for ototoxicity with curative concurrent chemo-radiation for locally advanced head and neck squamous cell carcinoma.
First Author: Sara Kuruvilla, FRCPC
- Board 385b ABSTRACT TPS12145: A randomized phase III clinical trial of acupuncture for chemotherapy-induced peripheral neuropathy (CIPN) in cancer survivors.
First Author: Andee Dooley, MS
- Board 386a ABSTRACT TPS12146: A randomized phase III clinical trial of yoga for chemotherapy-induced peripheral neuropathy treatment.
First Author: Katherine Han
- Board 386b ABSTRACT TPS12147: Immune-related adverse events and symptom burden in patients with melanoma receiving adjuvant immune checkpoint inhibitor.
First Author: Noha Abdel-Wahab, MD, PhD
- Board 387a ABSTRACT TPS12148: Nurse AMIE: Addressing symptoms in rural patients with advanced cancer.
First Author: Cristina I. Truica, MD

- Board 387b ABSTRACT TPS12149: Olanzapine versus fosaprepitant for prevention of chemotherapy induced nausea and vomiting in patients receiving carboplatin (AUC \geq 4) containing chemotherapy regimen: A phase 3 randomized, double-blind, placebo-controlled trial.
First Author: Sneh Bhargave Sr., MD
- Board 388a ABSTRACT TPS12150: Optimizing supportive care for patients with metastatic lung cancer in the era of precision oncology.
First Author: Kelly Hsu, BA

- Board 388b ABSTRACT TPS12151: Internet-delivered management of pain among cancer treatment survivors (IMPACTS WF-1901).
First Author: Megan Irby, PhD
- Board 389a ABSTRACT TPS12153: Use of the ORBIT model to refine and test a novel approach to exercise promotion for breast cancer survivors based on affect regulation.
First Author: Mary D. Chamberlin, MD

Sunday, June 5

8:00 AM - 11:00 AM | Hall A

Central Nervous System Tumors

Abstracts on Boards 347-358 will be discussed during the Central Nervous System Tumors Poster Discussion Session.

Posters by Topic

Brain Metastases: *Boards 349, 351, 359-365*

Primary CNS Tumors—Glioma: *Boards 347-348, 350, 352-358, 366-405*

Primary CNS Tumors—Nonglioma: *Boards 406-410*

Trials in Progress: *Boards 411a-416b*

- Board 347 ABSTRACT 2009: Dabrafenib + trametinib (dab + tram) in relapsed/refractory (r/r) BRAF V600-mutant pediatric high-grade glioma (pHGG): Primary analysis of a phase II trial.
First Author: Darren R. Hargrave, MD, MRCP, MBBS
- Board 348 ABSTRACT 2010: Long-term control and safety of larotrectinib in a cohort of adult and pediatric patients with tropomyosin receptor kinase (TRK) fusion primary central nervous system (CNS) tumors.
First Author: Sébastien Perreault, MDCM
- Board 349 ABSTRACT 2011: CA-4948 for the treatment of melanoma brain metastasis.
First Author: Bently Patrick Doonan, MD
- Board 350 ABSTRACT 2012: Feasibility and conduct of INSIGHt, a platform trial of patients with glioblastoma using Bayesian adaptive randomization.
First Author: Eudocia Quant Lee, MD, MPH
- Board 351 ABSTRACT 2013: Radiosurgery dose reduction for brain metastases on immunotherapy (RADREMI): Results of an a priori interim analysis of a multicenter phase I trial.
First Author: Shearwood McClelland III, MD
- Board 352 ABSTRACT 2014: Evaluation of tumor responses and overall survival in patients with recurrent glioblastoma (GBM) from a phase IIa trial of a CMV vaccine immunotherapeutic candidate (VBI-1901).
First Author: Patrick Y. Wen, MD
- Board 353 ABSTRACT 2015: Risk of intracranial hemorrhage with direct oral anticoagulants versus low molecular weight heparin in glioblastoma: A retrospective cohort study.
First Author: Lauren Reed-Guy, MD
- Board 354 ABSTRACT 2016: Repeated opening of the blood-brain barrier with the skull-implantable SonoCloud-9 (SC9) device: Phase 1 trial of nab-paclitaxel and SC9 in recurrent glioblastoma.
First Author: Adam M. Sonabend, MD
- Board 355 ABSTRACT 2017: A controlled comparison of cerebral volume loss after brain irradiation with proton versus photon radiotherapy.
First Author: Melissa Gardner, MA
- Board 356 ABSTRACT 2018: Real-world data to enable large-scale assessment of WHO CNS5 glioma classification.
First Author: Joshuah Kapilivsky
- Board 357 ABSTRACT 2019: Biological and prognostic relevance of epigenetic regulatory genes in high-grade gliomas (HGGs).
First Author: Sonikpreet Aulakh, MD, MBBS
- Board 358 ABSTRACT 2020: Evaluation of the response assessment criteria in newly diagnosed and recurrent glioblastoma.
First Author: Gilbert Youssef, MD
- Board 359 ABSTRACT 2021: CSF proteomics for differentiation of brain malignancies.
First Author: Nicholas Mikolajewicz, PhD
- Board 360 ABSTRACT 2022: Brain metastases in the setting of stable extracranial disease: A systematic review and meta-analysis.
First Author: Alyssa Y. Li, BA
- Board 361 ABSTRACT 2023: Dynamic monitoring of cerebrospinal fluid circulating tumor DNA to identify unique genetic profiles of brain metastatic tumors and to better predict intracranial tumor response in patients with non-small cell lung cancer with brain metastases: A prospective cohort study.
First Author: Meichen Li

- Board 362 ABSTRACT 2024: Comparison of TAS0953/HM06 and selpercatinib in RET fusion-driven preclinical disease models of intracranial metastases.
First Author: Igor Odintsov, MD
- Board 363 ABSTRACT 2025: HER2 expression and extensive molecular characterization of resected brain metastases from colorectal cancer: The HEROES study.
First Author: Alessandra Prete, MD
- Board 364 ABSTRACT 2026: Prospective validation of a new imaging scorecard to assess leptomeningeal metastasis: A joint EORTC BTG and RANO effort.
First Author: Emilie Le Rhun, MD, PhD
- Board 365 ABSTRACT 2027: Changing recognition of breast cancer-related leptomeningeal disease and response to therapy: A retrospective single institution review.
First Author: Gerald Carter Wallace
- Board 366 ABSTRACT 2028: Multi-institutional randomized phase 3 trial comparing cancer stem cell-targeted versus physician-choice treatments in patients with recurrent high-grade gliomas (NCT03632135).
First Author: Tulika Ranjan, MD
- Board 367 ABSTRACT 2029: Mebendazole in recurrent glioblastoma: Results of a phase 2 randomized study.
First Author: Nandini Sharrel Menon, MD, DNB, MBBS
- Board 368 ABSTRACT 2030: Phase 2 trial of bavituximab with chemoradiation and adjuvant temozolomide in newly diagnosed glioblastoma.
First Author: Ina Ly, MBBS
- Board 369 ABSTRACT 2031: Clinical application of a functional 3D ex vivo test to predict therapeutic response in patients with HGG: A progression-free survival analysis.
First Author: Lindsay J. Lipinski, MD
- Board 370 ABSTRACT 2032: Investigating the impact of NGS data availability on clinical decision-making in brain cancer.
First Author: Adam Eckburg
- Board 371 ABSTRACT 2033: A phase I clinical trial on intracranial administration of autologous myeloid dendritic cells (myDC) in combination with ipilimumab and nivolumab in patients with recurrent glioblastoma (rGB).
First Author: Julia Katharina Schwarze, MD, MS
- Board 372 ABSTRACT 2034: EO2401, a novel microbiome-derived therapeutic vaccine for patients with recurrent glioblastoma: ROSALIE study.
First Author: Wolfgang Wick, MD
- Board 373 ABSTRACT 2035: Multicenter phase 2 trial of the PARP inhibitor (PARPi) olaparib in recurrent IDH1 and IDH2-mutant contrast-enhancing glioma.
First Author: Kristina Fanucci, MD
- Board 374 ABSTRACT 2036: A phase II, multicenter, single-arm trial of eribulin in patients with bevacizumab-resistant recurrent glioblastoma.
First Author: Masamichi Takahashi, MD, PhD
- Board 375 ABSTRACT 2037: Final data from the phase 2a single-arm trial of SurVaxM for newly diagnosed glioblastoma.
First Author: Michael J Ciesielski, PhD, MS
- Board 376 ABSTRACT 2038: Multiparametric analysis in GBM plasma extracellular vesicles (Evs) and surface marker expression profile.
First Author: Abudumijiti (Zack) Aibaidula, MD
- Board 377 ABSTRACT 2039: Convection-delivered adenoviral gene therapy reprograms the immunosuppressive glioblastoma microenvironment.
First Author: Jacob S. Young, MD
- Board 378 ABSTRACT 2040: Harnessing genetically engineered hematopoietic progenitor cells to redirect the tumor immune microenvironment against glioblastoma (TEM-GBM Study).
First Author: Marica Eoli, MD
- Board 379 ABSTRACT 2041: Population-based retrospective analysis of response assessment criteria in patients with glioblastoma.
First Author: Parandoush Abbasian, MSc
- Board 380 ABSTRACT 2042: A phase 2 study of trametinib for patients with

- pediatric glioma or plexiform neurofibroma with refractory tumor and activation of the MAPK/ERK pathway.
First Author: Sébastien Perreault, MDCM
- Board 381 ABSTRACT 2043: A single-institution, retrospective examination of new contrast enhancement, progression, and pseudoprogression in *IDH* mutant glioma.
First Author: Ethan Wetzel
- Board 382 ABSTRACT 2044: Phase I study of drug-resistant immunotherapy (DRI) with gene-modified autologous $\gamma\delta$ T cells in patients with newly diagnosed glioblastoma multiforme (GBM) receiving maintenance temozolomide (TMZ).
First Author: Louis B. Nabors, MD
- Board 383 ABSTRACT 2045: Digital monitoring and assessments in patients with glioblastoma.
First Author: Yasaman Damestani, PhD
- Board 384 ABSTRACT 2046: Impact of EGFR^{A289T/V} mutation on relapse pattern in glioblastoma.
First Author: Fontanilles Maxime
- Board 385 ABSTRACT 2047: Paxalisib in patients with newly diagnosed glioblastoma with unmethylated MGMT promoter status: Final phase 2 study results.
First Author: Patrick Y. Wen, MD
- Board 386 ABSTRACT 2048: Revolumab: A phase II trial of nivolumab in recurrent IDH-mutant high-grade gliomas.
First Author: Caroline Dehais, MD
- Board 387 ABSTRACT 2049: Prognostic value of hPG₈₀ (circulating progastrin) in IDH-wild type glioblastoma treated with radio-chemotherapy.
First Author: Ludovic Doucet, MD
- Board 388 ABSTRACT 2050: Radiotherapy and olaptesed pegol (NOX-A12) in partially resected or biopsy-only MGMT-unmethylated glioblastoma: Interim data from the German multicenter phase 1/2 GLORIA trial.
First Author: Frank Anton Giordano, MD
- Board 389 ABSTRACT 2051: Comparison of survival outcomes of patients with newly diagnosed glioblastoma treated with standard chemoradiation in and outside of clinical trials.
First Author: Rifaquat Rahman, MD
- Board 390 ABSTRACT 2052: Clinical characteristics and outcome of a large cohort of patients with primary central nervous system (CNS) tumors and tropomyosin receptor kinase (TRK) fusion.
First Author: Audrey-Anne Lamoureux, MD
- Board 391 ABSTRACT 2053: Predictions of overall survival (OS) and progression-free survival (PFS) for specific therapeutic interventions in newly diagnosed glioblastoma multiforme (GBM) using Cellworks Singula: myCare-024-04.
First Author: Manmeet Singh Ahluwalia, MD, MBA
- Board 392 ABSTRACT 2054: Deep learning-based brain tumor segmentation on limited sequences of magnetic resonance imaging.
First Author: Jacky Huang
- Board 393 ABSTRACT 2055: Prognostic significance of therapy-induced myelosuppression in newly diagnosed glioblastoma.
First Author: Michael Weller, MD
- Board 394 ABSTRACT 2056: Capicua (CIC) mutations in gliomas in association with MAPK activation for exposing a potential therapeutic target.
First Author: Sourat Darabi, PhD, MS
- Board 395 ABSTRACT 2057: Phase IB trial of pegylated arginine deiminase (ADI-PEG 20) plus radiotherapy and temozolomide in patients with newly diagnosed glioblastoma.
First Author: John S. Bomalaski, MD
- Board 396 ABSTRACT 2058: Preliminary results of a phase II study of retifanlimab (PD-1 inhibitor) plus or minus epacadostat (IDO1 inhibitor) in combination with bevacizumab and hypofractionated radiotherapy for recurrent glioblastoma: NCT03532295.
First Author: Jian Li Campian, MD, PhD
- Board 397 ABSTRACT 2059: Indirect assessment of tumor-infiltrating lymphocyte activity in serum for predicting outcome in patients with glioblastoma treated with immunotherapy in the recurrent setting.
First Author: Christina Jensen
- Board 398 ABSTRACT 2060: Safety and efficacy of glasdegib in combination with temozolomide and radiotherapy in patients with newly diagnosed glioblastoma: Phase Ib/II GEINO 1602 trial.
First Author: María Ángeles Vaz, MD, PhD
- Board 399 ABSTRACT 2061: Phase 1 trial of ruxolitinib, temozolomide, and radiation in high-grade gliomas.
First Author: Manmeet Singh Ahluwalia, MD, MBA
- Board 400 ABSTRACT 2062: Predicting CNS penetration of precision medicine therapies in oncology: A comparison of the CNS TAP tool and the BOILED-Egg computational model.
First Author: Gianni Walker, BS
- Board 401 ABSTRACT 2063: 3D-volumetric assessment of response to ivosidenib in IDH-mutant gliomas.
First Author: Sushant Puri
- Board 402 ABSTRACT 2064: The epileptic landscape of IDH mutant gliomas.
First Author: Michael Drumm, BA
- Board 403 ABSTRACT 2065: Characterizing malignant transformation in patients with IDH-mutant glioma.
First Author: Vicki Liu
- Board 404 ABSTRACT 2066: Risk factors for cranial irradiation-related late neurocognitive toxicity: A prospective cohort study.
First Author: Debarati Bhanja, BS
- Board 405 ABSTRACT 2067: Treatment patterns of patients with glioblastoma multiforme in the real-world setting in a developing country.
First Author: Juan José Sánchez Hernández
- Board 406 ABSTRACT 2068: The interim result of a phase I/II study of nivolumab with or without ipilimumab in combination with multi-fraction stereotactic radiosurgery for recurrent, high-grade, radiation-relapsed meningioma.
First Author: Jiayi Huang, MD
- Board 407 ABSTRACT 2069: Spatiotemporal multiomic landscape of human medulloblastoma at single cell resolution.
First Author: Hailong Liu
- Board 408 ABSTRACT 2070: Impact of systemic therapy regimen on survival of PCNSL.
First Author: James Janopaul-Naylor
- Board 409 ABSTRACT 2071: Phase II single-arm, multi-center, physician-initiated clinical trial of convection-enhanced delivery of nimustine hydrochloride (ACNU) against diffuse intrinsic pontine gliomas.
First Author: Ryuta Saito
- Board 410 ABSTRACT 2072: Prostate-specific membrane antigen expression in meningioma.
First Author: Heinrich Elinzano, MD
- Board 411a ABSTRACT TPS2073: Phase II multicentric Italian trial on repositioning of the antipsychotic drug chlorpromazine and its combination with temozolomide in patients with MGMT unmethylated glioblastoma: The RACTAC trial.
First Author: Giuseppe Lombardi, MD
- Board 411b ABSTRACT TPS2074: A phase Ia/Ib study of intrathecal deferoxamine in patients with leptomeningeal metastases.
First Author: Jessica Wilcox, MD
- Board 412a ABSTRACT TPS2075: A study of neo-adjuvant and adjuvant ofra-vec (VB-111) for treatment of surgically accessible recurrent GBM.
First Author: Patrick Y. Wen, MD
- Board 412b ABSTRACT TPS2076: A phase 0/surgical window-of-opportunity study in progress, evaluating evolocumab in patients with high-grade glioma or glioblastoma.
First Author: Kirit Singh, MBBS
- Board 413a ABSTRACT TPS2077: DSP-0390, an oral emopamil binding protein (EBP) inhibitor, in patients with recurrent high-grade glioma: A first-in-human, phase 1 study.
First Author: David A. Reardon, MD
- Board 413b ABSTRACT TPS2078: GBM AGILE: A global, phase 2/3 adaptive platform trial to evaluate multiple regimens in newly diagnosed and recurrent glioblastoma.
First Author: Timothy Francis Cloughesy, MD
- Board 414a ABSTRACT TPS2079: A randomized phase II study of anlotinib combined with STUPP versus STUPP alone in patients with newly diagnosed glioblastoma (GBM).
First Author: Yuan yuan Yuan Chen, MD
- Board 414b ABSTRACT TPS2080: A phase I/IIa, open-label, multicenter, non-randomized clinical trial to assess the safety and efficacy of CYNK-001 in combination with recombinant human interleukin 2 in adults with recurrent resection eligible IDH1 wild-type glioblastoma (GBM).
First Author: Daniela Annenelie Bota, MD, PhD
- Board 415a ABSTRACT TPS2081: Bortezomib sensitization of recurrent glioblastoma with unmethylated *MGMT* promoter to temozolomide, a phase II study (NCT03643549).
First Author: Dorota Goplen, MD, PhD
- Board 415b ABSTRACT TPS2082: Window-of-opportunity study of ONC201 in pediatric patients with diffuse intrinsic pontine glioma (DIPG) and thalamic glioma.
First Author: Yazmin Odia, MD, MS, FAAN

- Board 416a ABSTRACT TPS2083: Design and initiation of an adaptive, randomized, controlled study of berubicin, a topoisomerase 2 poison that crosses the blood brain barrier (BBB), for the treatment of recurrent glioblastoma multiforme (GBM) after first-line therapy.
First Author: Sandra Silberman, MD, PhD
- Board 416b ABSTRACT TPS2084: The PROTECT Study: A phase II, open-label trial of prophylactic skin toxicity therapy with clindamycin and triamcinolone in patients with glioblastoma treated with tumor-treating fields.
First Author: Mario E. Lacouture, MD

Sunday, June 5

8:00 AM - 11:00 AM | Hall A

Developmental Therapeutics—Immunotherapy

Abstracts on Boards 168-179 will be discussed during the Developmental Therapeutics—Immunotherapy Poster Discussion Session.

Posters by Topic

Antibodies: *Boards 169, 179-187*

Cellular Immunotherapy: *Boards 170, 188-198*

Circulating Biomarkers: *Boards 199-209*

Immunobiology: *Boards 210-211*

Inflammatory Signatures: *Boards 212-213*

New Targets and New Technologies (IO): *Boards 168, 171, 214-238*

PD1/PD-L1 Inhibitor Monotherapy: *Boards 177, 239-253*

PD1/PD-L1 Inhibitor Combinations: *Boards 174, 176, 254-268*

Tissue-Based Biomarkers: *Boards 175, 269-291*

Vaccines: *Boards 172-173, 292-294*

Other Checkpoint Inhibitors (Monotherapy or Combination): *Boards 295-308*

Other IO-Related Topics: *Boards 178, 309-323*

Trials in Progress: *Boards 324a-340a*

- Board 168 ABSTRACT 2512: Phase I/IIa study of PM8001, a bifunctional fusion protein targeting PD-L1 and TGF β , in patients with advanced tumors.
First Author: Ye Guo, MD
- Board 169 ABSTRACT 2513: A phase 1 trial of the bifunctional EGFR/TGF β fusion protein BCA101 alone and in combination with pembrolizumab in patients with advanced solid tumors.
First Author: Philippe L. Bedard, MD, FRCPC
- Board 170 ABSTRACT 2514: Efficacy and safety of NT-17, long-acting interleukin-7, plus pembrolizumab in patients with advanced solid tumors: Results from the phase 2a study.
First Author: Aung Naing, MD, FACP
- Board 171 ABSTRACT 2515: First clinical and immunogenicity results including all subjects enrolled in a phase I study of Nous-209, an off-the-shelf immunotherapy, with pembrolizumab, for the treatment of tumors with a deficiency in mismatch repair/microsatellite instability (dMMR/MSI).
First Author: Marwan Fakih, MD
- Board 172 ABSTRACT 2516: Phase I trial of adjuvant autogene cevumeran, an individualized mRNA neoantigen vaccine, for pancreatic ductal adenocarcinoma.
First Author: Vinod P. Balachandran, MD
- Board 173 ABSTRACT 2517: Recommended phase 2 dose (RP2D) of HB-200 arenavirus-based cancer immunotherapies in patients with HPV16+ cancers.
First Author: Siqing Fu, MD, PhD
- Board 174 ABSTRACT 2518: Phase II evaluation of the combination of PDS0101, M9241, and bintrafusp alfa in patients with HPV 16+ malignancies.
First Author: Julius Strauss, MD
- Board 175 ABSTRACT 2519: Identifying mechanisms of acquired immune escape from sequential, paired biopsies.
First Author: F. Stephen Hodi, MD
- Board 176 ABSTRACT 2520: Effect of intratumoral INT230-6 on tumor necrosis and promotion of a systemic immune response: Results from a multicenter phase 1/2 study of solid tumors with and without pembrolizumab (PEM) [Intensity IT-01; Merck KEYNOTE-A10].
First Author: Jacob Stephen Thomas, MD
- Board 177 ABSTRACT 2521: First-in-human dose escalation and expansion study of MT-6402, a novel engineered toxin body (ETB) targeting PD-L1, in patients with PD-L1 expressing relapsed/refractory advanced solid tumors: Interim data.
First Author: Eugene R. Ahn, MD
- Board 178 ABSTRACT 2522: The association of pre-existing autoimmune disease and immune-related adverse events secondary to immune checkpoint inhibition therapy in a UK multicenter cohort.
First Author: Anna Claire Olsson-Brown, MBChB

- Board 179 ABSTRACT 2523: Preexisting autoantibodies as predictor of immune-related adverse events for advanced solid tumors treated with immune checkpoint inhibitors.
First Author: Arthur Daban
- Board 180 ABSTRACT 2524: Safety and efficacy results from the expansion phase of the first-in-human study evaluating TGF β inhibitor SAR439459 alone and combined with cemiplimab in adults with advanced solid tumors.
First Author: Debbie Robbrecht, MD
- Board 181 ABSTRACT 2525: The impact of COVID-19 infection on immune-related adverse events in patients with cancer receiving immune checkpoint inhibitors.
First Author: Mengni Guo, MD
- Board 182 ABSTRACT 2526: A multicenter, randomized, double-blind, phase III trial comparing denosumab biosimilar QL1206 and denosumab in patients with bone metastases from solid tumors.
First Author: Huiping Li, MD
- Board 183 ABSTRACT 2527: Safety, tolerability, and preliminary efficacy of nadunolimab, a first-in-class monoclonal antibody against IL1RAP, in combination with pembrolizumab in subjects with solid tumors.
First Author: Shekeab Jauhari, MD
- Board 184 ABSTRACT 2528: Customized autoantibodies (autoAbs) profiling to predict and monitor immune-related adverse events (irAEs) in patients receiving immune checkpoint inhibitors (ICI).
First Author: Sofia Genta, MD
- Board 185 ABSTRACT 2529: Initial findings from a first-in-human, multicenter, open-label study of ATOR-1017, a 4-1BB antibody, in patients with advanced solid malignancies.
First Author: Gustav J. Ullenhag, MD, PhD
- Board 186 ABSTRACT 2530: Novel platform for identifying multiple cancer-specific antigens.
First Author: Danielle Mor, PhD
- Board 187 ABSTRACT 2531: Phase I clinical trial of NEO-201, an anti-tumor-associated CEACAM-5/6 monoclonal antibody in solid tumors.
First Author: Christopher Browning Cole, MD, PhD
- Board 188 ABSTRACT 2532: In-vivo reprogramming macrophages and dendritic cells with Allocetra-OTS: Successful mono- and combination-antitumor therapy.
First Author: Dror Mevorach, MD
- Board 189 ABSTRACT 2533: A phase 1, first-in-human (FIH) study of the anti-HER2 CAR macrophage CT-0508 in subjects with HER2 overexpressing solid tumors.
First Author: Kim Anna Reiss, MD
- Board 190 ABSTRACT 2535: Antitumor activity of T cells expressing a novel anti-folate receptor alpha (FOLR1) costimulatory antigen receptor (CoStAR) in a human xenograft murine solid tumor model and implications for in-human studies.
First Author: Owen R. Moon, PhD
- Board 191 ABSTRACT 2536: Efficacy and safety of autologous expanded tumor infiltrating lymphocytes (TILs) in multiple solid tumors.
First Author: Rodabe Navroze Amaria, MD
- Board 192 ABSTRACT 2537: Examination of mutation signature and mutation spectrum as predictors of response to immune checkpoint blockade therapy.
First Author: Danae Bowen
- Board 193 ABSTRACT 2538: Multicenter phase Ib trial in the U.S. of salvage CT041 CLDN18.2-specific chimeric antigen receptor T-cell therapy for patients with advanced gastric and pancreatic adenocarcinoma.
First Author: Gregory P. Botta, MD, PhD
- Board 194 ABSTRACT 2539: The addition of fludarabine to cyclophosphamide for lymphodepleting chemotherapy enhances the persistence of infused NY-ESO-1 TCR anticancer therapy TBI-1301.
First Author: Marcus O. Butler, MD
- Board 195 ABSTRACT 2540: Predictors of severe CRS in longitudinal CAR T-cell clinical trial data.
First Author: Caleb Strait, PhD
- Board 196 ABSTRACT 2541: STRIVE-01: Phase I study of EGFR806 CAR T-cell immunotherapy for recurrent/refractory solid tumors in children and young adults.
First Author: Catherine Michelle Albert, MD
- Board 197 ABSTRACT 2542: Development of B-cell maturation antigen (BCMA)-specific CD8⁺ cytotoxic T lymphocytes using induced pluripotent stem cell technology for multiple myeloma.
First Author: Joeeun Bae

- Board 198 ABSTRACT 2543: CD19/CD20 bispecific chimeric antigen receptor (CAR) in naïve/memory T cells for the treatment of relapsed or refractory non-Hodgkin lymphoma.
First Author: Sarah Marie Larson, MD
- Board 199 ABSTRACT 2544: Changes in circulating tumor DNA (ctDNA) and outcomes in solid tumors treated with immune checkpoint inhibitors (ICIs).
First Author: Laith Al-Showbaki, MD
- Board 200 ABSTRACT 2545: Baseline peripheral T-cell composition in relation to radiographic phenotypes of immune-related pneumonitis.
First Author: Brian S. Henick, MD
- Board 201 ABSTRACT 2546: Early circulating tumor DNA (ctDNA) kinetics using a tumor-naïve assay as a predictive biomarker in early-phase immunotherapy (IO) clinical trials.
First Author: Enrique Sanz Garcia, MD, PhD
- Board 202 ABSTRACT 2547: Pharmacogenomic prediction of immune-related adverse events from immune checkpoint inhibitors among Asian patients.
First Author: Yiqing Huang, MBBS, MRCP
- Board 203 ABSTRACT 2548: Circulating KRAS variant-specific shedding and association with survival in patients with metastatic pancreatic ductal adenocarcinoma (mPDAC) receiving chemoimmunotherapy.
First Author: Jacob Edward Till, MD, PhD
- Board 204 ABSTRACT 2549: Circulating cytokines as predictors of response to immune checkpoint inhibitors (ICIs) in patients (pts) with melanoma (Mel) and non-small cell lung cancer (NSCLC).
First Author: Giulia Pasello, MD
- Board 205 ABSTRACT 2550: Methylated circulating tumor DNA (cfMeDIP) as a predictive biomarker of clinical outcome in pan-cancer patients (pts) treated with pembrolizumab (P).
First Author: Enrique Sanz Garcia, MD, PhD
- Board 206 ABSTRACT 2551: The FLARE score, circulating neutrophils, and association with COVID-19 outcomes in patients with solid tumors.
First Author: Elia Seguí, MD
- Board 207 ABSTRACT 2552: NK cell activity and methylated HOXA9 circulating tumor DNA as prognostic biomarkers in patients with non-small cell lung cancer treated with PD-1/PD-L1 inhibitors.
First Author: Sara Witting Christensen Wen, MD
- Board 208 ABSTRACT 2553: Network analysis to determine association between immuno-related toxicities and immune soluble profile in patients treated with anti-PD-1.
First Author: Andrea Botticelli, MD
- Board 209 ABSTRACT 2554: Auto-reactive antibodies as predictive markers for immune checkpoint-induced pneumonitis.
First Author: Mehmet Altan, MD
- Board 210 ABSTRACT 2555: Comprehensive transcriptomic analysis of immune checkpoint markers in a pancancer cohort: Implications for response and resistance.
First Author: Hirotaka Miyashita
- Board 211 ABSTRACT 2556: The immune micro-environment of inflammatory breast cancer is characterized by an influx of CD163+ tumor-associated macrophages.
First Author: Christophe Van Berckelaer, MD
- Board 212 ABSTRACT 2557: Characterization of tumor antigen expression and myeloid immune profiles to inform the development of immune stimulating antibody conjugates (ISACs).
First Author: Lisa K. Blum, PhD
- Board 213 ABSTRACT 2558: Assessment of a 4-chemokine signature in prediction of T-cell inflammation and response to immune checkpoint inhibition across tumor types.
First Author: Joan Miguel Romero, MSc, BSc
- Board 214 ABSTRACT 2559: FORTITUDE: Results of a phase 1a study of the novel transgene-armed and tumor-selective vector NG-350A with and without pembrolizumab (pembro).
First Author: Lee S. Rosen, MD
- Board 215 ABSTRACT 2560: Dose escalation of davoceticept, a conditional CD28 costimulator and dual checkpoint inhibitor, in advanced malignancies (NEON-1).
First Author: Diwakar Davar, MBBS
- Board 216 ABSTRACT 2561: LAG3 transcriptomic expression correlates with high levels of PD-1, PD-L1, PD-L2, and CTLA-4 checkpoints and with high tumor mutational burden across cancers.
First Author: Jacob J. Adashek, DO
- Board 217 ABSTRACT 2562: LB101, a conditionally tetravalent PD-L1xCD47 bispecific monoclonal antibody (mAb), combines tumor microenvironment (TME) targeted delivery (PD-L1) and a single biological high potency effector (CD47).
First Author: Jonny Finlay, PhD
- Board 218 ABSTRACT 2563: TransCon IL-2 β/γ , a novel long-acting prodrug with sustained release of an IL-2R β/γ -selective IL-2 analog, demonstrates improved pharmacokinetics and profound expansion of cytotoxic immune cells in non-human primates.
First Author: David Rosen, PhD
- Board 219 ABSTRACT 2564: A novel polymeric peptide delivery platform and association with targeted co-delivery of antigens and STING agonists with antitumor immune response.
First Author: Max Mu Wang, MPH
- Board 220 ABSTRACT 2565: Exploiting GLAAD molecules to drive an antitumor immune response in a colorectal cancer mouse model.
First Author: Yemi Adesokan, PhD
- Board 221 ABSTRACT 2566: Phase 1b study of GS-3583, a novel FLT3 agonist Fc fusion protein, in patients with advanced solid tumors.
First Author: Anthony W. Tolcher, MD, FASCO
- Board 222 ABSTRACT 2567: A phase II study to evaluate the safety and efficacy of radiotherapy combined with irinotecan liposome followed by camrelizumab and apatinib for advanced solid tumors that failed standard treatments.
First Author: Jie Shen
- Board 223 ABSTRACT 2568: Safety results of Q-1802, a Claudin18.2/PD-L1 bsABs, in patients with relapsed or refractory solid tumors in a phase 1 study.
First Author: Jifang Gong, MD
- Board 224 ABSTRACT 2569: Breath biopsy early detection of lung cancer using an EVOC probe targeting tumor-specific extracellular β -glucuronidase.
First Author: Christiaan Frederick Labuschagne
- Board 225 ABSTRACT 2570: Artificial intelligence-powered pathology image analysis merged with spatial transcriptomics reveals distinct TIGIT expression in the immune-excluded tumor-infiltrating lymphocytes.
First Author: Gahee Park, PhD
- Board 226 ABSTRACT 2571: Evaluation of pharmacodynamic and patient enrichment biomarkers for SAR444881, a first-in-class anti-ILT2 monoclonal antibody for cancer immunotherapy.
First Author: Ilana Mandel
- Board 227 ABSTRACT 2572: Safety and tolerability of T-SIGn vectors when administered using “flat” versus “low-high-high” (LHH) dosing regimens.
First Author: Thomas Lillie, MBBS, PhD
- Board 228 ABSTRACT 2573: Micro-organospheres retain patient tumor microenvironment for precision immuno-oncology.
First Author: Shengli Ding
- Board 229 ABSTRACT 2574: Phase 1b study of the novel first-in-class G protein-coupled estrogen receptor (GPER) agonist, LNS8801, in combination with pembrolizumab in patients with immune checkpoint inhibitor (ICI)-relapsed and refractory solid malignancies and dose escalation update.
First Author: Carolyn Muller, MD
- Board 230 ABSTRACT 2575: Phase I study of epacadostat in combination with sirolimus in advanced malignancy.
First Author: Chao Hui Huang, MD, FACP
- Board 231 ABSTRACT 2576: Systemic TLR7/8 micelles trigger a novel and potent anti-tumor response by strong recruitment of neutrophils leading to massive tumor cell killing.
First Author: Simon Skjøde Jensen
- Board 232 ABSTRACT 2577: Phase I dose escalation of LAVA-051, a novel bispecific gamma-delta T-cell engager (Gammabody), in relapsed/refractory hematological malignancies.
First Author: Annemiek Broijl, MD, PhD
- Board 233 ABSTRACT 2578: Assessing PD-L1 without a biopsy and through PD-L1 PET imaging with 18F-BMS-986229.
First Author: Michael A. Postow, MD
- Board 234 ABSTRACT 2579: The effects of AVM0703 mobilization of endogenous gamma delta/invariant TCR+ bispecific natural killer T-like cells against solid tumors and blood cancers.
First Author: Theresa Deisher, PhD
- Board 235 ABSTRACT 2580: Radiotherapy-immunotherapy related pneumonitis prediction from pre-treatment CT using a deep graph-based integrative model.
First Author: Linlin Yang
- Board 236 ABSTRACT 2581: Outcomes of patients (pts) treated with novel immunotherapy (IT) agents in phase 1 clinical trials (Ph1-CT) at early lines for advanced disease.
First Author: Juan José Soto, MD
- Board 237 ABSTRACT 2582: A phase 1 first-in-human dose finding/randomized phase 2 study of IMM60 and pembrolizumab (PEM) in advanced melanoma and non-small cell lung cancer (NSCLC; IMP-MEL).
First Author: Nicholas Coupe, MBBS

- Board 238 ABSTRACT 2583: A phase 1 study of the novel immunotoxin MT-5111 in patients with HER2+ tumors: Interim results.
First Author: Brian Andrew Van Tine, MD, PhD
- Board 239 ABSTRACT 2584: Factors associated with acute kidney injury among patients with cancer treated with immune checkpoint inhibitor therapy: A population-based study.
First Author: Phillip S. Blanchette, MD
- Board 240 ABSTRACT 2585: Systematic review and meta-analysis evaluating the impact of antibiotic use on the clinical outcomes of patients with cancer treated with immune checkpoint inhibitors.
First Author: Gerard Zalcman, MD, PhD
- Board 241 ABSTRACT 2586: Outcomes of responders to PD-1/PD-L1 inhibitors who discontinue therapy after sustained disease control.
First Author: Harsh Sharma, DO
- Board 242 ABSTRACT 2587: Efficacy and safety of dostarlimab in patients (pts) with mismatch repair deficient (dMMR) solid tumors: Analysis of 2 cohorts in the GARNET study.
First Author: Thierry Andre, MD
- Board 243 ABSTRACT 2588: Extended duration of anti-PD-1 therapy, using reduced frequency dosing, in patients with advanced melanoma and Merkel cell carcinoma.
First Author: Lisa May Ling Tachiki, MD
- Board 244 ABSTRACT 2589: The effect of circadian rhythm on clinical outcome in patients receiving pembrolizumab in the INSPIRE pan-cancer trial.
First Author: Helena Jacoba Janse van Rensburg, MD, PhD
- Board 245 ABSTRACT 2590: A phase II study of pembrolizumab for HPV-associated papilloma patients with laryngeal, tracheal, and/or pulmonary involvement.
First Author: Sara I. Pai, MD, PhD
- Board 246 ABSTRACT 2591: Efficacy of immune checkpoint inhibitors in patients with non-small cell lung cancer harboring ERBB2 exon 20 insertions and non-ERBB2 exon 20 insertions.
First Author: Hai-Yan Tu, MD
- Board 247 ABSTRACT 2592: Updated efficacy and safety results from the phase 2 study of serplulimab, a novel anti-PD-1 antibody, in patients with previously treated unresectable or metastatic microsatellite instability-high or mismatch repair-deficient solid tumors.
First Author: Jin Li, MD
- Board 248 ABSTRACT 2593: Preliminary data from an ongoing phase 1 dose-escalation study of CCX559, an orally administered small molecule PD-L1 inhibitor, in patients with advanced solid tumors.
First Author: Gonzalo Tapia
- Board 249 ABSTRACT 2594: Cancer PD1/PD-L1 inhibitor efficacy as stratified by smoking status: A population large database study.
First Author: Zachary D. Urdang, MD, PhD
- Board 250 ABSTRACT 2595: Extended interval dosing in patients with cancer receiving immune checkpoint inhibitors: Safety analysis from the EDICI study.
First Author: Luca Cantini, MD
- Board 251 ABSTRACT 2596: Identification of super-exhausted T cells: A novel population predictive of response to immunotherapy.
First Author: Florent Peyraud, MD
- Board 252 ABSTRACT 2597: Novel, small molecule inhibitors of PD-1/PD-L1 pathway.
First Author: Luca Rastelli, PhD
- Board 253 ABSTRACT 2598: Association between body mass index and treatment efficacy with immune checkpoint inhibitor therapy: A retrospective study.
First Author: Hannah Wang, BS
- Board 254 ABSTRACT 2599: Cisplatin (Cis) combined with sintilimab (Sint) and niraparib (Nir) in advanced solid tumors: Updated results.
First Author: TAO Haitao, PhD (c)
- Board 255 ABSTRACT 2600: Study to evaluate intraperitoneal (IP) ONCOS-102 with systemic durvalumab in patients with peritoneal disease who have epithelial ovarian (OC) or metastatic colorectal cancer (CRC): Phase 2 results.
First Author: Dmitriy Zamarin, MD, PhD
- Board 256 ABSTRACT 2601: PRaG regimens (PD-1 inhibitor combined with radiotherapy and GM-CSF with or not IL-2) rechallenge for patients with acquiring resistance to PD-1/PD-L1 inhibitors in refractory advanced solid tumors.
First Author: Meiling Xu
- Board 257 ABSTRACT 2602: A first-in-human phase I dose escalation of YH001, an anti-CTLA-4 monoclonal antibody (mAb), in combination with toripalimab (anti-PD-1 mAb) in patients with advanced solid tumors.
First Author: Vinod Ganju, MBBS, FRACP
- Board 258 ABSTRACT 2603: A phase I open-label, dose escalation of YH003, an anti-CD40 monoclonal antibody, in combination with toripalimab (anti-PD-1 mAb) in patients with advanced solid tumors.
First Author: Jermaine Coward, MBBS, PhD, MRCP, FRACP
- Board 259 ABSTRACT 2604: A phase 1 multiple-ascending dose study to evaluate the safety and tolerability of XmAb23104 (PD-1 x ICOS) in subjects with selected advanced solid tumors (DUET-3).
First Author: Mehmet Akce, MD
- Board 260 ABSTRACT 2605: Retrospective analysis of the effect of angiotensin receptor blockers and angiotensin converting enzyme inhibitors on the efficacy of anti-PD-1/PD-L1 immunotherapy in patients with advanced cancer.
First Author: Jason Suh, MD
- Board 261 ABSTRACT 2606: First-line PD-1 inhibitors immunotherapy and chemotherapy combined with or without radiotherapy for patients with advanced non-small cell lung cancer.
First Author: Peng Ding
- Board 262 ABSTRACT 2607: Resistance to anti-PD-1/anti-PD-L1: GB1211 reverses galectin-3 induced blockade of pembrolizumab and atezolizumab binding to PD-1/PD-L1.
First Author: Joseph Mabbitt, BSc
- Board 263 ABSTRACT 2608: Actual immune checkpoint inhibitor drug use in U.S. patients with cancer.
First Author: Alia Rawji
- Board 264 ABSTRACT 2609: A prospective, multicenter, single-arm clinical trial of PD-1 inhibitors in combination with radiotherapy and GM-CSF, sequentially followed by IL-2 (PRaG 2.0) therapy in advanced refractory solid tumors.
First Author: Pengfei Xing
- Board 265 ABSTRACT 2610: A phase 1/2 study of onatasertib, a dual TORC1/2 inhibitor, combined with the PD-1 antibody toripalimab in patients with advanced solid tumors (TORCH-2).
First Author: Pei Shu, MD
- Board 266 ABSTRACT 2611: Safety of dual checkpoint-blockade with PSB205, an anti-PD-1/CTLA4 monoclonal antibody combination, manufactured and dispensed as a single product: A phase 1 study.
First Author: Rashmi Chugh, MD
- Board 267 ABSTRACT 2612: Predictors of response to immune checkpoint inhibitors (ICI) rechallenge post-disease progression in solid tumors: A systematic review and meta-analyses.
First Author: Hassan Mohammed Abushukair
- Board 268 ABSTRACT 2613: Association of proton pump inhibitor use with survival outcomes in patients with cancer treated with immune checkpoint inhibitors: A systematic review and meta-analysis.
First Author: BaoQing Chen, MD
- Board 269 ABSTRACT 2614: A pan-cancer analysis of P21 activated kinase (PAK) family genes as potential biomarkers for immune checkpoint therapy.
First Author: Sun Gang, MD
- Board 270 ABSTRACT 2615: WDR49 mutation as a novel predictive biomarker in patients with non-small cell lung cancer with immune checkpoint inhibitors.
First Author: Zhihui Shi, MD, PhD
- Board 271 ABSTRACT 2616: Molecular predictors of response among patients with MMRd tumors treated on NCI-MATCH Arm Z1D.
First Author: Jonathan Daniel Schoenfeld, MD
- Board 272 ABSTRACT 2617: *PAPPA2* mutation as an indicator stratified patients benefit from immune checkpoint inhibitors in NSCLC and SKCM.
First Author: Yiting Dong, MD
- Board 273 ABSTRACT 2618: Predictors of immunotherapeutic benefits in patients with advanced melanoma and other malignancies treated with immune checkpoint inhibitors utilizing ORIEN "real-world" data.
First Author: Ahmad A. Tarhini, MD, PhD
- Board 274 ABSTRACT 2619: A deep learning approach utilizing clinical and molecular data for identifying prognostic biomarkers in patients treated with immune checkpoint inhibitors: An ORIEN pan-cancer study.
First Author: Payman Ghasemi Saghand
- Board 275 ABSTRACT 2620: Analysis of the contribution of macrophages to the overall tumor PD-L1 microenvironment using a screening multi-tumor tissue microarray and rapid multiplex fluorescence digital phenotyping approach.
First Author: Marie Cumberbatch
- Board 276 ABSTRACT 2621: The inflamed immune phenotype (IIP): A clinically actionable artificial intelligence (AI)-based biomarker predictive of immune checkpoint inhibitor (ICI) outcomes across >16 primary tumor types.
First Author: Jeanne Shen, MD

- Board 277 ABSTRACT 2622: Dual CDKN2A/MTAP loss compared to CDKN2A loss alone and response to immune-checkpoint inhibitors (ICI) in advanced solid tumors.
First Author: Elio Adib, MD
- Board 278 ABSTRACT 2623: Comprehensive genomic and immune profiling defines immunotherapy treatment in patients with NSCLC with low PD-L1 IHC.
First Author: Sarabjot Pabla, PhD, MSc, BSc
- Board 279 ABSTRACT 2624: Correlation between MSI, TMB, and RAS gene mutation in solid tumors.
First Author: Qingchang Li
- Board 280 ABSTRACT 2625: Prevalence of high tumor mutational burden (TMB-H) and microsatellite instability-high (MSI-H) status in neuroendocrine neoplasms.
First Author: Sukhmani Kaur Padda, MD
- Board 281 ABSTRACT 2626: Automated tumor immunophenotyping and response to immunotherapy in non-small cell lung cancer using a spatial statistics approach.
First Author: Darya Orlova, PhD
- Board 282 ABSTRACT 2627: Immuno-multiple reaction monitoring (iMRM) for quantitation of PD-L1 and PD-1-signaling proteins in non-small cell lung carcinoma (NSCLC).
First Author: Vincent Lacasse, MSc
- Board 283 ABSTRACT 2628: The expression of aryl hydrocarbon receptor predicts responses to anti-PD-1 antibodies in non-small cell lung cancer.
First Author: Si-Chong Han
- Board 284 ABSTRACT 2629: Pan-cancer analysis of YAP1 expression as a predictive biomarker for cancer immunotherapy.
First Author: Taofeek K. Owonikoko, MD, PhD
- Board 285 ABSTRACT 2630: A pancancer analysis of impact of MDM2/MDM4 on immune checkpoint blockade (ICB).
First Author: Wafik S. El-Deiry, MD, PhD, FACP
- Board 286 ABSTRACT 2631: Systematic assessment of tumor mutational burden calculation across different sequencing platforms and cancer types and its implication in clinical decision-making.
First Author: Daqiang Sun
- Board 287 ABSTRACT 2632: Association between tumor mutational burden (TMB) and mutational profile and its effect on overall survival: A post hoc analysis of patients with TMB-high and TMB-low metastatic cancer treated with immune checkpoint inhibitors (ICI).
First Author: Camila Bragança Xavier, MD
- Board 288 ABSTRACT 2633: Age-associated differences in transcriptional expression and tumor immune microenvironment composition among older patients with cancer.
First Author: Khalil Choucair, MD, MSc
- Board 289 ABSTRACT 2634: Microsatellite-stable tumors with high tumor mutational burden in association with tumor response to immune checkpoint inhibitor therapy across solid tumors and correlation with specific oncogenic alterations.
First Author: Imran Nizamuddin, MD
- Board 290 ABSTRACT 2635: PD-L1 expression and microsatellite instability in tumors of unknown primary site.
First Author: Joao Neif, MD, MSc
- Board 291 ABSTRACT 2636: 14-gene immunoglobulin (IGG) and proliferation signatures and association with overall survival across cancer-types.
First Author: Francesco Schettini, MD, PhD
- Board 292 ABSTRACT 2637: Phase 1 studies of personalized neoantigen vaccine TG4050 in ovarian carcinoma (OC) and head and neck squamous cell carcinoma (HNSCC).
First Author: Jean-Pierre Delord, MD, PhD
- Board 293 ABSTRACT 2638: Personalized neoantigen DNA vaccines expand tumor-specific T cells in the periphery which infiltrate the tumor in hepatocellular carcinoma.
First Author: Renzo Perales, PhD
- Board 294 ABSTRACT 2639: Preliminary results from an early phase trial of in situ immunization of lymphoma with a virus likeparticle containing a TLR9 agonist combined with anti-PD1 therapy (NCT03983668).
First Author: Umar Farooq, MD
- Board 295 ABSTRACT 2640: First-in-human/phase I trial of PE0116 (4-1bb Ig G4 McAb) as single agent in patients with solid tumors progressed after lines of therapies in China.
First Author: Hui Zhao, MD, PhD
- Board 296 ABSTRACT 2641: A phase I dose-escalation and expansion study of HBM4003, an anti-CTLA-4 heavy chain only monoclonal antibody, in patients with advanced solid tumors.
First Author: Shanzhi Gu, MD, PhD
- Board 297 ABSTRACT 2643: Phase Ia dose-escalation study of the anti-BTLA antibody icatolimab as a monotherapy in patients with advanced solid tumor.
First Author: Russell J. Schilder, MD
- Board 298 ABSTRACT 2644: Preliminary analysis of a phase I study of SNK01 (Autologous Non-genetically Modified Natural Killer Cells With Enhanced Cytotoxicity) monotherapy in patients with advanced solid tumors.
First Author: Victoria S. Chua-Alcala, MD
- Board 299 ABSTRACT 2645: Promising clinical benefit rates in advanced cancers alongside potential biomarker correlation in a phase I/II trial investigating bexmarilimab, a novel macrophage-guided immunotherapy.
First Author: Petri Bono, MD, PhD
- Board 300 ABSTRACT 2646: Phase I study of the efficacy and safety of IBI319 in patients with advanced malignant tumors.
First Author: Yi-Long Wu, FACS
- Board 301 ABSTRACT 2647: Phase 1 dose escalation study of DSP107, a first-in-class CD47 and 4-1BB targeting multifunctional immune-recruitment protein, in patients with advanced solid tumors.
First Author: Jason J. Luke, MD, FACP
- Board 302 ABSTRACT 2648: A phase 1a dose-escalation study of PY314, a TREM2 (Triggering Receptor Expressed on Macrophages 2) targeting monoclonal antibody.
First Author: Amita Patnaik, MD
- Board 303 ABSTRACT 2649: Pan-cancer (ca) analysis of the safety and efficacy of immune checkpoint inhibitors (ICI) in patients (pts) living with HIV (PLWH): Results from the international CATCH-IT consortium.
First Author: Talal El Zarif, MD
- Board 304 ABSTRACT 2650: IBI110 (anti-LAG-3 mAb) as a single agent or in combination with sintilimab (anti-PD-1 mAb) in patients with advanced solid tumors: Updated results from the phase Ia/Ib dose-escalation study.
First Author: Nong Xu, MD
- Board 305 ABSTRACT 2651: Safety and efficacy of etigilimab in combination with nivolumab in select recurrent/advanced solid tumors.
First Author: Meredith McKean, MD
- Board 306 ABSTRACT 2652: Enhanced tumor control with a combination of APG-157 and immune checkpoint inhibitors for head and neck cancer.
First Author: Daniel Sanghoon Shin, MD, PhD
- Board 307 ABSTRACT 2653: Immune checkpoint inhibitor-related endocrinopathies: A nationwide population-based study.
First Author: Dina Elantably, MD
- Board 308 ABSTRACT 2654: Immune-related adverse events and immunotherapy efficacy in patients with cancer: A retrospective study.
First Author: Lyndsey L. Prather, BA
- Board 309 ABSTRACT 2655: Comparison of the checkpoint inhibitor pneumonitis incidence between immunotherapy alone or in combination with chemotherapy for lung cancer: An observational, retrospective pharmacovigilance study.
First Author: Pei-Hang Xu
- Board 310 ABSTRACT 2656: Comparing rate of immunotherapy treatment change due to toxicity by gender.
First Author: Kevin Joseph Chua, MD
- Board 311 ABSTRACT 2657: Inpatient complications of immunotherapy-associated colitis in solid malignancies: Real-world data analysis.
First Author: Rayli Pichardo
- Board 312 ABSTRACT 2658: Association between germ-line HLA and immune-related adverse events.
First Author: Ning Jiang
- Board 313 ABSTRACT 2659: Dysthyroidism during immune checkpoint inhibitors is associated with improved overall survival in solid tumors: Data-mining of 1,382 electronic patient records.
First Author: Mathilde Beaufils
- Board 314 ABSTRACT 2660: The impact of pembrolizumab on patients with pre-existing autoimmune diseases.
First Author: Noor Bazerbashi, MD
- Board 315 ABSTRACT 2661: Immune-related adverse effects of long-term PD-1/PD-L1 inhibitor treatment.
First Author: Sarah Kim, PharmD
- Board 316 ABSTRACT 2662: Density patterns of tumor-infiltrating lymphocytes and association with objective response to nivolumab in patients with lung adenocarcinoma from CheckMate 057.
First Author: Germán Corredor, PhD

- Board 317 ABSTRACT 2663: Tumor-infiltrating lymphocyte enrichment predicted by CT radiomic analysis is associated with clinical outcomes of immune checkpoint inhibitor in non-small cell lung cancer.
First Author: Changhee Park, MD
- Board 318 ABSTRACT 2664: Increased incidence of immune-mediated myocarditis in advanced skin malignancies treated with immune checkpoint inhibitors in the COVID-19 era.
First Author: Allison Gradone, MD
- Board 319 ABSTRACT 2665: Management of infliximab-refractory immune checkpoint inhibitor gastrointestinal toxicity: A multicenter case series.
First Author: Catriona Harvey, MRCP, MBChB, BSc
- Board 320 ABSTRACT 2666: Evaluating survival following severe immune-related adverse events requiring hospitalization.
First Author: Francis Wright
- Board 321 ABSTRACT 2667: Landscape of tumor mutation burden and correlation to clinical outcomes in 1,744 solid cancers.
First Author: Jaeyun Jung
- Board 322 ABSTRACT 2668: Immune checkpoint inhibitor-induced diabetes mellitus across NCI trials.
First Author: Zoe E. Quandt, MD, MS
- Board 323 ABSTRACT 2669: A systematic review and meta-analysis of early death (ED) upon immune checkpoint inhibitors (ICI) alone or combined with other non-ICIs treatments as first-line treatment of advanced solid tumors.
First Author: Giuseppe Viscardi, MD
- Board 324a ABSTRACT TPS2670: Phase I study of HFB200301, a first-in-class TNFR2 agonist monoclonal antibody in patients with solid tumors selected via Drug Intelligent Science (DIS).
First Author: Alexander I. Spira, MD, PhD, FACP
- Board 324b ABSTRACT TPS2671: Trial in progress: A phase 1-2, first-in-human, open label, dose escalation and expansion study of AU-007, a monoclonal antibody that binds to IL-2 and inhibits IL-2R α binding, in patients with advanced solid tumors.
First Author: James Robert Vasselli, MD
- Board 325a ABSTRACT TPS2672: A phase 1/2a open label, multicenter study to assess the safety, tolerability, pharmacokinetics, and efficacy of AFM24 in patients with advanced solid cancers: Study design and rationale.
First Author: Omar Saavedra Santa Gadea
- Board 325b ABSTRACT TPS2673: AFM24 in combination with atezolizumab in patients with advanced EGFR-expressing solid tumors: Phase 1/2a study design and rationale.
First Author: Omar Saavedra Santa Gadea
- Board 326a ABSTRACT TPS2674: A non-inferiority randomized phase III trial of standard immunotherapy versus reduced dose intensity in responding patients with metastatic cancer: MOIO study.
First Author: Gwenaelle Gravis, MD
- Board 326b ABSTRACT TPS2675: The combination of CD16A/EGFR innate cell engager, AFM24, with SNK01 autologous natural killer cells in patients with advanced solid tumors.
First Author: Anthony B. El-Khoueiry, MD
- Board 327a ABSTRACT TPS2676: BASECAMP-1: Leveraging human leukocyte antigen (HLA) loss of heterozygosity (LOH) in solid tumors by next-generation sequencing (NGS) to identify patients with relapsed solid tumor for future logic-gated Tmod CAR T-cell therapy.
First Author: Diane M. Simeone, MD
- Board 327b ABSTRACT TPS2677: A phase 1, first-in-human (FIH) study of adenovirally transduced autologous macrophages engineered to contain an anti-HER2 chimeric antigen receptor (CAR) in participants with HER2 overexpressing solid tumors.
First Author: Kim Anna Reiss, MD
- Board 328a ABSTRACT TPS2678: A phase I trial of T-cell receptor gene therapy targeting KK-LC-1 for gastric, breast, cervical, lung and other KK-LC-1 positive epithelial cancers.
First Author: Scott Norberg, DO
- Board 328b ABSTRACT TPS2679: First-in-human phase 1/2 study of autologous T cells engineered using the Sleeping Beauty System transposon/transposase to express T-cell receptors (TCRs) reactive against cancer-specific mutations in patients with advanced solid tumors.
First Author: Marcelo Vailati Negrao, MD
- Board 329a ABSTRACT TPS2680: A phase 1/2 study of RTX-224, an engineered red blood cell expressing 4-1BB ligand and membrane-bound IL-12, for the treatment of patients with select advanced solid tumors.
First Author: Alexander I. Spira, MD, PhD, FACP
- Board 329b ABSTRACT TPS2681: ZENYTH-ESO: Master protocol to assess the safety and recommended phase II dose of next generation NY-ESO-1-specific TCR T-cells in HLA-A*02 patients with synovial sarcoma and myxoid/round cell liposarcoma [Substudy 3, GSK4427296].
First Author: Dejka M. Araujo, MD
- Board 330a ABSTRACT TPS2682: NEBULA: A multicenter phase 1a/b study of a tumor-selective transgene-expressing adenoviral vector, NG-641, and nivolumab in patients with metastatic or advanced epithelial tumors.
First Author: Thomas Lillie, MBBS, PhD
- Board 330b ABSTRACT TPS2683: Davoceticept (ALPN-202), a PD-L1-dependent CD28 costimulator and dual checkpoint inhibitor, in combination with pembrolizumab in patients with advanced malignancies (NEON-2).
First Author: Amita Patnaik, MD
- Board 331a ABSTRACT TPS2684: ARTISTRY-3: Effect of nemvaleukin alfa with a less frequent IV dosing schedule as monotherapy and in combination with pembrolizumab and impact on the tumor microenvironment (TME) in patients (pts) with advanced solid tumors.
First Author: Sarina Anne Piha-Paul, MD
- Board 331b ABSTRACT TPS2685: BMC128: A rationally designed live bacterial consortium for the potentiation of immune checkpoint therapy in solid tumors.
First Author: Corinne Maurice-Dror, MD
- Board 332a ABSTRACT TPS2688: A phase 1 dose-escalation study to investigate the safety, efficacy, pharmacokinetics, and pharmacodynamic activity of CLN-619 (anti-MICA/MICB antibody) alone and in combination with pembrolizumab in patients with advanced solid tumors.
First Author: John D. Powderly, MD
- Board 332b ABSTRACT TPS2689: A combined phase I/II study of a novel bicycle tumor-targeted immune cell agonist BT7480 in patients with nectin-4 associated advanced malignancies.
First Author: Kyriakos P. Papadopoulos, MD
- Board 333a ABSTRACT TPS2690: Phase 1a/1b study design of the novel STING agonist, immune-stimulating antibody-conjugate (ISAC) TAK-500, with or without pembrolizumab in patients with advanced solid tumors.
First Author: Jennifer Robinson Diamond, MD
- Board 333b ABSTRACT TPS2691: A first-in-human phase 1 trial of nx-1607, a first-in-class oral CBL-B inhibitor, in patients with advanced solid tumor malignancies.
First Author: Adam Sharp, MD, PhD, MRCP
- Board 334a ABSTRACT TPS2693: A phase 1/2 dose escalation/expansion study of OR2805 alone or in combination in subjects with advanced solid tumors.
First Author: Anthony W. Tolcher, MD, FASCO
- Board 334b ABSTRACT TPS2694: An open-label, non-randomized, multi-center phase I study evaluating the safety, tolerability, pharmacokinetics and preliminary efficacy of bi-ligand-drug conjugate CBP-1018 in patients with advanced solid tumors.
First Author: Kaiwen Li
- Board 335a ABSTRACT TPS2695: IL believe: A phase 1/2, open-label, dose escalation and dose expansion study of TransCon IL-2 / alone or in combination with pembrolizumab or standard-of-care chemotherapy in patients with locally advanced or metastatic solid tumors.
First Author: Alexander Starodub, MD, PhD
- Board 335b ABSTRACT TPS2696: A phase 1 study of TPST-1495 as a single agent and in combination with pembrolizumab in subjects with solid tumors.
First Author: Diwakar Davar, MBBS
- Board 336a ABSTRACT TPS2697: A first-in-human, multicenter, phase 1/2, open-label study of XTX202, a masked and tumor-selective recombinant human interleukin-2 (IL-2) protein, in patients with advanced solid tumors.
First Author: Meredith McKean, MD
- Board 336b ABSTRACT TPS2698: TAK-676 in combination with pembrolizumab after radiation therapy in patients (pts) with advanced non-small cell lung cancer (NSCLC), triple-negative breast cancer (TNBC), or squamous-cell carcinoma of the head and neck (SCCHN): Phase 1 study design.
First Author: Benjamin T. Cooper, MD
- Board 337a ABSTRACT TPS2699: Phase 2 study of the IDO/PD-L1-targeted immune-modulatory vaccine, IO102-IO103, plus pembrolizumab as first-line treatment for metastatic non-small cell lung cancer (NSCLC), squamous cell carcinoma of the head and neck (SCCHN), or urothelial bladder cancer (UBC).
First Author: Jonathan W. Riess, MD, MS
- Board 337b ABSTRACT TPS2700: A first-in-human, phase I, open-label study of a novel cancer vaccine labvax 3(22)-23 and adjuvant GM-CSF in patients with advanced stage adenocarcinomas.
First Author: Weijie Ma, MD

Board 338a	ABSTRACT TPS2701: First-in-human phase 1 trial of ELI-002 immunotherapy as treatment for subjects with Kirsten rat sarcoma (KRAS)-mutated pancreatic ductal adenocarcinoma and other solid tumors. First Author: Shubham Pant, MBBS, MD
Board 338b	ABSTRACT TPS2702: A phase 1 dose-finding and dose-expansion study evaluating the safety, tolerability, pharmacokinetics, and efficacy of a highly selective WEE1 inhibitor (Debio 0123) in adult patients with advanced solid tumors. First Author: Kyriakos P. Papadopoulos, MD
Board 339a	ABSTRACT TPS2703: CAIRE: A basket multicenter open-label phase 2 study evaluating the EZH2 inhibitor tazemetostat in combination with durvalumab in patients with advanced solid tumors. First Author: Antoine Italiano, MD
Board 339b	ABSTRACT TPS2704: A phase 1 trial of RP2, a first-in-class, enhanced potency oncolytic HSV expressing an anti-CTLA-4 antibody as a single agent and combined with nivolumab in patients with advanced solid tumors. First Author: Kevin Joseph Harrington, MBBS, PhD
Board 340a	ABSTRACT TPS2705: An open-label, multicenter, phase 1 study of RP3 as a single agent and in combination with nivolumab in patients (pts) with solid tumors. First Author: Kevin Joseph Harrington, MBBS, PhD

Sunday, June 5

8:00 AM - 11:00 AM | Hall A

Developmental Therapeutics—Molecularly Targeted Agents and Tumor Biology

Abstracts on Boards 1-12 will be discussed during the Developmental Therapeutics—Molecularly Targeted Agents and Tumor Biology Poster Discussion Session.

Posters by Topic

- Cancer Angiogenesis and Metastases: Boards 13-16
- Chemotherapy and Antibody-Drug Conjugates: Boards 17-24
- Circulating Biomarkers: Boards 8, 25-50
- Molecular Diagnostics and Imaging: Boards 9-10, 12, 51-71
- New Targets and New Technologies (Non-IO): Boards 2, 4, 6, 72-81
- Pharmacology: Boards 82-83
- Radiopharmaceuticals: Boards 84-85
- Small Molecules: Boards 1, 3, 5, 86-104
- Tissue-Based Biomarkers: Boards 11, 105-135
- Other: Boards 7, 136-143
- Trials in Progress: Boards 144a-157b

Board 1	ABSTRACT 3009: Ulixertinib in patients with tumors with MAPK pathway alterations: Results from NCI-COG Pediatric MATCH trial Arm J (APEC1621J). First Author: Kieuhoa Tran Vo, MD, MS
Board 2	ABSTRACT 3010: Phase II study of vismodegib in patients with SMO or PTCH1 mutated tumors: Results from NCI-MATCH ECOG-ACRIN Trial (EAY131) Subprotocol T. First Author: Anne S. Tsao, MD
Board 3	ABSTRACT 3011: A multicenter, open-label, single-arm, phase 1 dose-escalation study to evaluate the safety, tolerability, and anti-tumor activity of FCN-159 in adults with neurofibromatosis type 1. First Author: Xiaojie Hu, MD
Board 4	ABSTRACT 3012: NCI 9938: Phase I clinical trial of ATR inhibitor berzosertib (M6620, VX-970) in combination with irinotecan in patients with advanced solid tumors. First Author: Liza C. Villaruz, MD
Board 5	ABSTRACT 3013: First-in-human, phase I study of TT-00420, a multiple kinase inhibitor, as a single agent in advanced solid tumors. First Author: Sarina Anne Piha-Paul, MD
Board 6	ABSTRACT 3014: Efficacy proof-of-concept from a phase 1 study of a novel therapeutic peptide, ST101, targeting the oncogenic transcription factor C/EBP in patients with refractory solid tumors. First Author: T.R. Jeffry Evans, MD, MBBS, FRCP
Board 7	ABSTRACT 3015: Expanding clinical actionability in individual patient profiles with the Molecular Oncology Almanac. First Author: Brendan Michael Reardon
Board 8	ABSTRACT 3016: Genomic landscape of acquired resistance to targeted therapies in patients with solid tumors: A study from the National Center for Precision Medicine (PRISM). First Author: Arnaud Bayle

Board 9	ABSTRACT 3017: Dual tissue and plasma testing to improve detection of actionable variants in patients with solid cancers. First Author: Matthew Mackay
Board 10	ABSTRACT 3018: Differential diagnosis of hematologic and solid tumors using targeted transcriptome and artificial intelligence. First Author: Hong Zhang, PhD
Board 11	ABSTRACT 3019: AI-enabled identification prediction of homologous recombination deficiency (HRD) from histopathology images. First Author: Gowhar Shafi, PhD
Board 12	ABSTRACT 3020: A clinical AI-driven multiplex immunofluorescence imaging pipeline to characterize tumor microenvironment heterogeneity. First Author: Dmitry Zarubin
Board 13	ABSTRACT 3021: First-in-human, phase I study of AK109, an anti-VEGFR2 antibody, in patients (pts) with advanced or metastatic solid tumors. First Author: Nong Xu, MD
Board 14	ABSTRACT 3022: Safety of the cyclin dependent kinase 9 (CDK9) inhibitor FIT039 for cervical intraepithelial neoplasia (CIN) 1 or 2 in a phase I/II trial. First Author: Junzo Hamanishi, MD, PhD
Board 15	ABSTRACT 3023: A phase I study to evaluate the safety, tolerability, and pharmacokinetics of MSB0254 in Chinese patients with solid tumors. First Author: Tianshu Liu, MD
Board 16	ABSTRACT 3024: VEGF inhibitors (VEGFi) activity in liver metastases (mets) regardless of primary cancer type: Meta-analysis and systematic review. First Author: Ines Esteves Domingues Pires Da Silva, MD, PhD
Board 17	ABSTRACT 3025: Dose-finding and -expansion studies of trastuzumab deruxtecan in combination with other anti-cancer agents in patients (pts) with advanced/metastatic HER2+ (DESTINY-Breast07 [DB-07]) and HER2-low (DESTINY-Breast08 [DB-08]) breast cancer (BC). First Author: Fabrice Andre, MD, PhD
Board 18	ABSTRACT 3026: Safety, pharmacodynamic, and clinical response evaluation of nilotinib and paclitaxel in adults with refractory solid tumors. First Author: Sarah Shin, MD, MPH
Board 19	ABSTRACT 3027: TLD-1, a novel liposomal doxorubicin, in patients (pts) with advanced solid tumors: Dose escalation and expansion part of a multicenter open-label phase I trial (SAKK 65/16). First Author: Dagmar Hess, MD
Board 20	ABSTRACT 3028: Phase 1 study of OBT076, a first-in-class anti-DEC205 ADC, in patients with advanced/metastatic solid tumors: Safety, efficacy, and PK/PD results. First Author: Olivier Rixe, MD, PhD
Board 21	ABSTRACT 3029: First-in-human study of OBI-999: A globo H-targeting antibody-drug conjugate in patients with advanced solid tumors. First Author: Apostolia Maria Tsimberidou, MD, PhD
Board 22	ABSTRACT 3030: Safety, pharmacokinetics, and clinical activity of OBI-3424, an AKR1C3activated prodrug, in patients with advanced or metastatic solid tumors: A phase 1 dose-escalation study. First Author: Apostolia Maria Tsimberidou, MD, PhD
Board 23	ABSTRACT 3031: BOLD-100-001 (TRIO039): A phase 1b dose-escalation study of BOLD-100 in combination with FOLFOX chemotherapy in patients with advanced gastrointestinal solid cancers: Interim safety, tolerability, and efficacy. First Author: Jennifer L. Spratlin, MD, FRCP
Board 24	ABSTRACT 3032: Increased systemic toxicities from antibody-drug conjugates (ADCs) with cleavable versus non-cleavable linkers: A meta-analysis of commercially available ADCs. First Author: Carrie Wynn
Board 25	ABSTRACT 3033: Enabling circulating cell-free mRNA theranostics from PD-L1, ALK, ROS1, NTRK to transcriptomic profiling. First Author: Chen-Hsiung Yeh, PhD
Board 26	ABSTRACT 3034: Multicancer early detection with a spectroscopic liquid biopsy platform. First Author: Matthew Baker
Board 27	ABSTRACT 3035: Blood-based detection of actionable alterations from NCI-MATCH patients with no tissue results. First Author: Robin Harrington
Board 28	ABSTRACT 3036: Test performance and clinical validity of circulating tumor DNA (ctDNA) in predicting relapse in solid tumors treated with curative intent therapy. First Author: Abhenil Mittal, MD

- Board 29 ABSTRACT 3037: An ultra-sensitive assay using cell-free DNA fragmentomics for multi-cancer early detection.
First Author: Yang Shao, PhD
- Board 30 ABSTRACT 3038: Utilization of cell-free DNA fragmentomics in minimal residual disease detection for non-small cell lung cancer.
First Author: Rong Yin, PhD
- Board 31 ABSTRACT 3039: Plasma first: Accelerating lung cancer diagnosis through liquid biopsy.
First Author: Miguel Garcia Pardo, MD
- Board 32 ABSTRACT 3040: A cell-free RNA-based next-generation sequencing (NGS) assay for the detection of actionable gene fusions in patients with non-small cell lung cancer (NSCLC).
First Author: Yukti Choudhury, PhD
- Board 33 ABSTRACT 3041: Early detection of cancer using cell-free DNA (cfDNA) size analysis on a multiplexed amplicon-based next-generation sequencing (NGS) platform.
First Author: Yukti Choudhury, PhD
- Board 34 ABSTRACT 3042: Detection of homologous recombination deficiency (HRD) in cell-free DNA (cfDNA) using an amplicon-based next-generation sequencing (NGS) assay.
First Author: Jonathan Poh, PhD
- Board 35 ABSTRACT 3043: Systemic levels of the soluble co-inhibitory immune checkpoints, CTLA-4, LAG-3, PD-1/PD-L1, and TIM-3 are markedly increased in basal cell carcinoma.
First Author: Bernardo Leon Rapoport, MD
- Board 36 ABSTRACT 3044: Dysregulation of immune checkpoint proteins in patients with newly diagnosed early breast cancer.
First Author: Bernardo Leon Rapoport, MD
- Board 37 ABSTRACT 3045: Characterization of genomic landscape using comprehensive circulating cell-free tumor DNA next generation sequencing in advanced thyroid carcinoma.
First Author: Valentina Tarasova
- Board 38 ABSTRACT 3046: Identification of markers for tumor- and immune-derived extracellular vesicles (EVs) in preclinical models.
First Author: Dove-Anna Johnson, BA
- Board 39 ABSTRACT 3047: Cell-free RNA in liquid biopsy and biomarkers profiling of hematologic and solid tumors.
First Author: Maher Albitar, MD
- Board 40 ABSTRACT 3048: Combining cell-free RNA (cfRNA) with cell-free total nucleic acid (cfTNA) as a new paradigm for liquid biopsy.
First Author: Maher Albitar, MD
- Board 41 ABSTRACT 3049: Serum concentrations of oncometabolite, 2-hydroxyglutarate (2HG), as biomarkers for isocitrate dehydrogenase (IDH1/2) mutations in cholangiocarcinoma (ICCA).
First Author: Cha Len Lee, MD
- Board 42 ABSTRACT 3050: A circulating miRNA-based AI prediction system to identify multiple types of cancer.
First Author: Chih-Hsun Wu
- Board 43 ABSTRACT 3051: Circulating tumor DNA (ctDNA) in HER2 exon 20 insertion mutations and responses in NSCLC HER2 exon 20 insertion treated with poziotinib.
First Author: Arunthi Thiagalingam, PhD
- Board 44 ABSTRACT 3052: PD-L1 is overexpressed on tumorspheres cultured from circulating cancer stem cells in patients with breast cancer.
First Author: Monika Pizon, PhD
- Board 45 ABSTRACT 3053: Prospective characterization of circulating tumor cell kinetics in patients treated with radiation therapy per definitive intent oligometastatic paradigm.
First Author: Shivani Sud, MD
- Board 46 ABSTRACT 3054: Monitoring engorgement of phagocytic circulating stromal cells during chemo-radiotherapy induction predicts survival in unresectable stage 2/3 NSCLC.
First Author: Kirby P. Gardner
- Board 47 ABSTRACT 3055: Defining resistance mechanisms to CDK4/6 inhibition in hormone receptor-positive HER2-negative metastatic breast cancer (MBC) through a machine learning approach applied to circulating tumor DNA (ctDNA).
First Author: Lorenzo Gerratana, MD
- Board 48 ABSTRACT 3056: Tracking changes in circulating stromal cells and circulating tumor cells predicts responsiveness of new line induction in metastatic breast cancer after 1 cycle of therapy.
First Author: Daniel L. Adams
- Board 49 ABSTRACT 3057: Resolution ctDx FIRST plasma assay as a companion diagnostic for adagrasib and its application to longitudinal monitoring.
First Author: Ira Pekker, PhD
- Board 50 ABSTRACT 3058: T-cell receptor repertoire analysis based on RNA sequencing data from tumor cells and tumor-infiltrating lymphocytes.
First Author: Cheng Du
- Board 51 ABSTRACT 3059: Imaging of solid tumors using 68Ga-FAP-2286.
First Author: Thomas A. Hope, MD
- Board 52 ABSTRACT 3060: Frequency of practice-changing findings identified by comprehensive genomic profiling in non-myeloid hematologic malignancies.
First Author: Katherine I. Zhou, MD, PhD
- Board 53 ABSTRACT 3061: Molecular typing and clinical characteristics of synchronous multiple primary colorectal cancer.
First Author: Jun Huang, MD
- Board 54 ABSTRACT 3062: Evaluating the utility of fluorine-18 fluorodeoxyglucose (¹⁸F-FDG)-positron emission tomography (PET)/computed tomography (CT) scan in cancer of unknown primary.
First Author: Tharani Sivakumaran, FRACP
- Board 55 ABSTRACT 3063: Baseline tumor size as prognostic index in patients with cancer receiving experimental targeted agents.
First Author: Paolo Tarantino, MD
- Board 56 ABSTRACT 3064: A large-scale, multi-center molecular characterization of MET fusions in a real-world Chinese population.
First Author: Yutao Liu
- Board 57 ABSTRACT 3065: Independent validation of a novel noninvasive 4-microRNA diagnostic model for multicancer early detection.
First Author: Andrew Zhang
- Board 58 ABSTRACT 3066: Comparative analysis of microsatellite instability-high (MSI-H) BRAF V600E-mutated versus MSI-H BRAF wild type colorectal cancers (CRC), including tumor microenvironment (TME), associated genomic alterations, and immunometabolomic biomarkers.
First Author: Mohamed E. Salem, MD
- Board 59 ABSTRACT 3067: Impact of RAS mutations on immunologic characteristics of the tumor microenvironment (TME) in patients with microsatellite instability-high (MSI-H) or mismatch-repair-deficient (dMMR) colorectal cancer (CRC).
First Author: Mohamed E. Salem, MD
- Board 60 ABSTRACT 3068: Lesion-specific radiomics analysis shows promising results for early-stage efficacy assessment of IOA-244 in uveal melanoma.
First Author: Martin Gueuning
- Board 61 ABSTRACT 3069: The HERPET study: Imaging HER2 expression in breast cancer with the novel PET tracer [¹⁸F]GE-226, a first-in-patient study.
First Author: Laura M. Kenny, MD
- Board 62 ABSTRACT 3070: [¹⁸F]Fluorothymidine(FLT)-PET imaging of thymidine kinase 1 pharmacodynamics in non-small cell lung cancer treated with pemetrexed.
First Author: Preetha Aravind, MD, MRCP
- Board 63 ABSTRACT 3071: Differential expression of somatostatin receptor (SSTR) subtypes across a spectrum of neuroendocrine neoplasms (NENs).
First Author: Emil Lou, MD, PhD
- Board 64 ABSTRACT 3072: Image-based detection of *FGFR3*-fusion in urothelial bladder cancer.
First Author: Nir Peled, MD, PhD
- Board 65 ABSTRACT 3073: Molecular therapy selection in treatment-refractory advanced cancers: A retrospective cohort study determining the utility of TOPOGRAPH knowledge base.
First Author: Frank Po-Yen Lin, PhD, MBChB, FRACP
- Board 66 ABSTRACT 3074: Development and validation of Duoseq as a novel diagnostic and companion assay for lymphoma and other cancers.
First Author: Chrissie Rozzi
- Board 67 ABSTRACT 3075: Real-world utilization of ctDNA in the management of colorectal cancer.
First Author: Kristin M. Zimmerman Savill, PhD
- Board 68 ABSTRACT 3076: Repeat large panel genomic sequencing identifies actionable alterations and characterizes the genomic landscape in patients with metastatic solid tumors.
First Author: Niamh Coleman, MBBCh, MRCP, PhD
- Board 69 ABSTRACT 3077: Use of clinical RNA-sequencing in the detection of actionable fusions compared to DNA-sequencing alone.
First Author: Jackson Michuda
- Board 70 ABSTRACT 3078: Pathogenic fusion detection in solid malignancies utilizing RNA-DNA based comprehensive genomic profiling (CGP) testing.
First Author: Brian Piening, PhD

- Board 71 ABSTRACT 3079: DNA methylation profiling to determine the primary sites of metastatic cancers using formalin-fixed paraffin-embedded tissues.
First Author: Hongcang Gu
- Board 72 ABSTRACT 3080: A first-in-human phase I study of CTX-712 in patients with advanced, relapsed or refractory malignant tumors.
First Author: Toshio Shimizu, MD, PhD
- Board 73 ABSTRACT 3081: First-in-human phase 1/2 dose escalation and expansion study evaluating first-in-class eIF4A inhibitor zotatifin in patients with solid tumors.
First Author: Funda Meric-Bernstam, MD
- Board 74 ABSTRACT 3082: Circulating tumor DNA (ctDNA) determinants of improved outcomes in patients (pts) with advanced solid tumors receiving the ataxia telangiectasia and Rad3-related inhibitor (ATRi), RP-3500, in the phase 1/2a TRESR trial (NCT04497116).
First Author: Ezra Rosen, MD, PhD
- Board 75 ABSTRACT 3083: Pharmacokinetic and pharmacodynamic activity evaluation of MAK683, a selective oral embryonic ectoderm development (EED) inhibitor, in adults with advanced malignancies in a first-in-human study.
First Author: Vincent Ribrag, MD
- Board 76 ABSTRACT 3084: Phase 1 results of a phase 1/2 trial of CYT-0851, a first-in-class inhibitor of RAD51-mediated homologous recombination, in patients with advanced solid and hematologic cancers.
First Author: Ryan C. Lynch, MD
- Board 77 ABSTRACT 3085: Interim phase 1 results for SQ3370 in advanced solid tumors.
First Author: Sant P. Chawla, MD
- Board 78 ABSTRACT 3086: Safety, tolerability, pharmacokinetics and preliminary efficacy of MIL93, an anti-Claudin18.2 monoclonal antibody, in patients with advanced solid tumors: A phase 1 clinical study.
First Author: Jing Huang, MD
- Board 79 ABSTRACT 3087: Molecular landscape and actionable alterations in a genomic-guided cancer clinical trial: First analysis of the ROME trial.
First Author: Andrea Botticelli, MD
- Board 80 ABSTRACT 3088: Characterizing the genomic landscape of PIK3CA alterations from 121,221 adult patients with cancer: The next tissue-agnostic target?
First Author: Niamh Coleman, MBBS, MRCP, PhD
- Board 81 ABSTRACT 3089: A phase I/II study of first-in-human trial of JAB-21822 (KRAS G12C inhibitor) in advanced solid tumors.
First Author: Jian Li
- Board 82 ABSTRACT 3090: Dose optimization for MORAb-202, an antibody-drug conjugate (ADC) highly selective for folate receptor-alpha (FR α), using population pharmacokinetic (PPK) and exposure-response (E-R) efficacy and safety analyses.
First Author: Seiichi Hayato
- Board 83 ABSTRACT 3091: Adaptive response analysis of colorectal cancer cells to low-dose oxaliplatin as a tool to deciphering mechanisms of synergistic drug interaction.
First Author: Diego Tosi, MD
- Board 84 ABSTRACT 3092: ^{64}Cu -SAR-Bombesin PET-CT imaging in the staging of ER+/PR+/HER2- metastatic breast cancer: Safety, dosimetry, and feasibility in a phase I trial.
First Author: Keith Wong
- Board 85 ABSTRACT 3093: Theranostic pairing: ABY-025/251 targeting HER2 with ^{68}Ga and ^{188}Re —Minimized radioligands using Affibody peptide scaffold technology.
First Author: Yongsheng Liu, MSc
- Board 86 ABSTRACT 3094: Tumor agnostic efficacy of selpercatinib in patients with RET fusion+ solid tumors: A global, multicenter, registrational trial update (LIBRETTO-001).
First Author: Vivek Subbiah, MD
- Board 87 ABSTRACT 3095: A phase Ia/Ib, dose-escalation/expansion study of BI 907828 in combination with BI 754091 (ezabenlimab) and BI 754111 in patients (pts) with advanced solid tumors.
First Author: Noboru Yamamoto, MD, PhD
- Board 88 ABSTRACT 3096: Interim safety and efficacy results from a phase 1 study of NT219 in adults with advanced solid tumors.
First Author: Alberto Bessudo, MD
- Board 89 ABSTRACT 3097: A phase 1, first-in-human, dose-escalation and biomarker trial of liposomal gemcitabine (FF-10832) in patients with advanced solid tumors.
First Author: Erkut Hasan Borazanci, MD, MS
- Board 90 ABSTRACT 3098: The bi-steric mTORC1-selective inhibitor RMC-5552 in tumors with activation of mTOR signaling: Preclinical activity in combination with RAS(ON) inhibitors in RAS-addicted tumors, and initial clinical findings from a single agent phase 1/1b study.
First Author: Howard A. Burris III, MD, FACP, FASCO
- Board 91 ABSTRACT 3099: Updated analysis of the efficacy and safety of entrectinib in patients (pts) with locally advanced/metastatic NTRK fusion-positive (NTRK-fp) solid tumors.
First Author: Maciej Jerzy Krzakowski, MD, PhD
- Board 92 ABSTRACT 3100: Long-term efficacy and safety of larotrectinib in a pooled analysis of patients with tropomyosin receptor kinase (TRK) fusion cancer.
First Author: Alexander E. Drilon, MD
- Board 93 ABSTRACT 3101: A first-in-human phase 1 dose escalation study of FF-10850 (liposomal topotecan) in patients with advanced solid tumors.
First Author: Ursula A. Matulonis, MD
- Board 94 ABSTRACT 3102: A study of senaparib in combination with temozolomide for the treatment of patients with advanced solid tumors and extensive-stage small cell lung cancer.
First Author: Bo Gao, MD
- Board 95 ABSTRACT 3103: A CRUK first-in-human phase I trial of LY3143921, a novel CDC7 inhibitor, in patients with advanced solid tumors.
First Author: Peter F. Gallagher, PhD, MRCP, MBBS
- Board 96 ABSTRACT 3104: Mechanisms of acquired resistance to TRK inhibitors.
First Author: Guilherme Harada, MD
- Board 97 ABSTRACT 3105: A phase 1 dose-escalation study of the ABN401 (c-MET inhibitor) in patients with solid tumors.
First Author: Dae Ho Lee, MD, PhD
- Board 98 ABSTRACT 3106: Safety, pharmacokinetics (PK), and clinical efficacy of ICP-723, a highly selective next-generation pan-TRK inhibitor, in patients with solid tumor.
First Author: Xiao-Li Wei, MD, PhD
- Board 99 ABSTRACT 3107: First-in-human (FIH) phase I study of the highly selective phosphoinositide 3-kinase inhibitor delta (PI3K δ) inhibitor IOA-244 in patients with advanced cancer: Safety, activity, pharmacokinetic (PK), and pharmacodynamic (PD) results.
First Author: Anna Maria Di Giacomo, MD
- Board 100 ABSTRACT 3108: Phase Ib study of selinexor and eribulin combination in advanced solid tumors and triple-negative breast cancer.
First Author: Blessie Elizabeth Nelson, MBBS, DMRT
- Board 101 ABSTRACT 3109: Central nervous system (CNS) outcomes and progression patterns in patients with RET fusion-positive lung cancers treated with selpercatinib.
First Author: Yonina R. Murciano-Goroff, MD, DPhil, MSc
- Board 102 ABSTRACT 3110: Phase I dose-escalation study of IBI351 (GFH925) monotherapy in patients with advanced solid tumors.
First Author: Qing Zhou, MD
- Board 103 ABSTRACT 3111: Baseline predictors of hematological toxicity in patients with advanced cancer treated with ATR inhibitors in phase I/II clinical trials.
First Author: Natalie Ngoi, MRCP, MBBS
- Board 104 ABSTRACT 3112: A phase Ib study of the combination of alisertib (Aurora A kinase inhibitor) and MLN0128 (dual TORC1/2 Inhibitor) in patients with advanced solid tumors, final expansion cohort data.
First Author: S. Lindsey Davis, MD
- Board 105 ABSTRACT 3113: Pan-cancer analysis of exogenous (microbial) sequences in tumor transcriptome data from the ORIEN consortium and their association with cancer and tumor microenvironment.
First Author: Daniel Spakowicz, PhD, MS
- Board 106 ABSTRACT 3114: Temsirolimus (T) in patients (pts) with solid tumors with mTOR mutation: Results from the Targeted Agent and Profiling Utilization Registry (TAPUR) Study.
First Author: Gordan Srkalovic, MD, PhD
- Board 107 ABSTRACT 3115: Genomic and clinical characteristics of MET alterations in solid tumors among the 10,475 Chinese patients.
First Author: Yaping Li
- Board 108 ABSTRACT 3116: Variable detection of actionable alterations across racial groups and association with testing patterns.
First Author: Emma Sturgill, PhD
- Board 109 ABSTRACT 3117: Stress keratin 17 as a novel biomarker of response in immune checkpoint blockade-treated head and neck squamous cell carcinoma.
First Author: Taja Lozar, MD

- Board 110 ABSTRACT 3118: Genomic landscape of SMARCA4-deficient lung tumors by clinical RNA sequencing.
First Author: Brian Pham, MD
- Board 111 ABSTRACT 3119: Clinical utility of tumor next-generational sequencing (NGS) panel testing to inform treatment decisions for patients with advanced solid tumors.
First Author: Lucia Bogdan, MD
- Board 112 ABSTRACT 3120: Pan-cancer association between increased iron utilization and poor prognosis highlights potential of transferrin receptor-targeting therapies in multiple tumor types.
First Author: Asaad Trabolsi, MD
- Board 113 ABSTRACT 3121: Molecular characterization of cancers with ALK gene fusions in nonlung tumors.
First Author: Jin Zhang
- Board 114 ABSTRACT 3122: Results of a phase II trial of the PARP inhibitor, niraparib, in BAP1 and other DNA damage response pathway deficient neoplasms.
First Author: Thomas J. George, MD, FACP
- Board 115 ABSTRACT 3123: Inference of sample-specific genetic interactions to increase accuracy of indication prioritization in oncology clinical trials and facilitate exploration of combined therapy opportunities.
First Author: Sarah Jenna, PhD
- Board 116 ABSTRACT 3124: Comprehensive genomic profiling to identify gene alterations in DNA repair pathway across solid tumors.
First Author: Kevin McDonnell, MD
- Board 117 ABSTRACT 3125: Molecular and immune landscape of FH-mutated cancers.
First Author: Bayan A. Al-Share, MD
- Board 118 ABSTRACT 3126: Insights of clinical significance from solid tumor profiles with FoundationOne CDx.
First Author: Andreas M. Heilmann
- Board 119 ABSTRACT 3127: Molecular reflex testing in non-small cell lung cancer: An optimal approach?
First Author: Kari Hooper, MD, FACP
- Board 120 ABSTRACT 3128: Molecular correlates of MAEA expression in colorectal cancer (CRC).
First Author: Shivani Soni, PhD
- Board 121 ABSTRACT 3129: Comprehensive profiling of clock genes expression in colorectal cancer (CRC).
First Author: Francesca Battaglin, MD
- Board 122 ABSTRACT 3130: Increasing targeted therapy options for patients with relapsed cancer with broader somatic gene panel analysis from the primary tumor: The Profiler02 randomized phase II trial.
First Author: Olivier Tredan, MD
- Board 123 ABSTRACT 3131: Primary results from JUPITER, a phase 2 basket trial of combination therapy with trastuzumab and pertuzumab in patients with HER2-amplified solid tumors.
First Author: Sadakatsu Ikeda, MD, PhD
- Board 124 ABSTRACT 3132: Reversion mutations in BRCA1 or BRCA2 genes: Resistant mechanism(s) in patients treated with platinum-based agents or poly (ADP-ribose) polymerase(PARP) inhibitors.
First Author: Sourat Darabi, PhD, MS
- Board 125 ABSTRACT 3133: Pan-cancer landscape of CD274 (PD-L1) and PDCD1LG2 (PD-L2) structural variations.
First Author: Emily Louise Hoskins
- Board 126 ABSTRACT 3134: Defining transcriptomic profiles of early-stage mucinous breast cancers: A FLEX sub study.
First Author: Abirami Sivapiragasam, MD
- Board 127 ABSTRACT 3135: Clinicopathologic characterization of ERK2 E322K mutation in solid tumors: Implications for treatment and drug development.
First Author: Dazhi Liu, PharmD
- Board 128 ABSTRACT 3136: Using CDKN2A loss in the context of wildtype TP53 to predict sensitivity for the MDM2 inhibitor milademetan.
First Author: Vijaya G. Tirunagaru, PhD
- Board 129 ABSTRACT 3137: Identification of homologous recombination deficiency (HRD) by RAD51 in a tumor molecular profiling program for precision medicine.
First Author: Alba Llop-Guevara, PhD
- Board 130 ABSTRACT 3138: Paired tumor/normal sequencing to overcome racial differences in tumor mutational burden (TMB).
First Author: Kenneth Robert Carson, MD, PhD, FACP
- Board 131 ABSTRACT 3139: Next-generation sequencing (NGS) for identifying actionable molecular alterations in patients with newly diagnosed and recurrent IDHwt-glioblastoma (GBM): A large mono-institutional experience.
First Author: Marta Padovan
- Board 132 ABSTRACT 3140: Combining autophagy and immune characterizations to predict prognosis and therapeutic response in lung adenocarcinoma.
First Author: Qiaxuan Li
- Board 133 ABSTRACT 3141: The distribution of genetic mutations correlated with resistance to KRAS^{G12C} inhibitors in Chinese patients with lung cancer.
First Author: Shengcheng Lin
- Board 134 ABSTRACT 3142: A digital imaging analysis (DIA) platform for identifying tertiary lymphoid structures (TLS) in lung adenocarcinoma (LUAD).
First Author: Vladimir Kushnarev
- Board 135 ABSTRACT 3143: Rapid access to biomarker data in a community setting: Integration of next-generation sequencing into routine pathologic workflow.
First Author: Kirstin Perdrizet, MD, MSc, FRCPC
- Board 136 ABSTRACT 3145: Impact of clonal hematopoiesis on tumor control following radiation therapy.
First Author: Jacqueline Tao, MD
- Board 137 ABSTRACT 3146: De novo EGFR T790M mutations in a community-based oncology practice.
First Author: Marilyn Elaine Holt, PhD
- Board 138 ABSTRACT 3147: Construction of a near-term predictive model for irAEs induced by PD-1 inhibitors.
First Author: Ying Zhang
- Board 139 ABSTRACT 3148: Landscape of endocytosis pathway in colorectal cancer (CRC).
First Author: Hiroyuki Arai, MD, PhD
- Board 140 ABSTRACT 3149: BRAF-targeted therapy for locally advanced ameloblastoma of the mandible: A potential neoadjuvant strategy.
First Author: Shirly Grynberg, MD, BSc
- Board 141 ABSTRACT 3150: Updated survival follow-up for phase I study of abexinostat with pazopanib in patients with solid tumor malignancies.
First Author: Erica S. Tsang, MD, MPH
- Board 142 ABSTRACT 3151: Combination treatment of radiofrequency ablation and peptide neoantigen vaccination: Promising modality for future cancer immunotherapy.
First Author: Yong Fang, MD
- Board 143 ABSTRACT 3152: Do early phase trials predict clinical efficacy in subsequent phase III biomarker-enriched randomized trials?
First Author: Suji Udayakumar, BSc
- Board 144a ABSTRACT TPS3153: First-in-human study of the B7-H4 antibody-drug conjugate (ADC) AZD8205 in patients with advanced/metastatic solid tumors.
First Author: Funda Meric-Bernstam, MD
- Board 144b ABSTRACT TPS3154: Phase 1 study of SGN-PDL1V, a novel, investigational vedotin antibody–drug conjugate directed to PD-L1, in patients with advanced solid tumors (SGNPDL1V-001, trial in progress).
First Author: Amita Patnaik, MD
- Board 145a ABSTRACT TPS3155: Phase 1 study of SGN-B7H4V, a novel, investigational vedotin antibody–drug conjugate directed to B7-H4, in patients with advanced solid tumors (SGNB7H4V-001, trial in progress).
First Author: Amita Patnaik, MD
- Board 145b ABSTRACT TPS3156: TIP: A phase I/II study of MGTA-117, an anti-CD117 antibody-drug conjugate, in patients with adult acute myeloid leukemia (AML) and myelodysplasia with excess blasts (MDS-EB).
First Author: Andrew S. Artz, MD, MS
- Board 146a ABSTRACT TPS3157: First-in-human, phase 1, open-label, dose-escalation, dose-expansion study of ADCT-901 as monotherapy in patients with select advanced solid tumors.
First Author: R. Donald Harvey, BCOP, PharmD, FCCP
- Board 146b ABSTRACT TPS3158: ELU-FR α -1: A study to evaluate ELU001 in patients with solid tumors that overexpress folate receptor alpha (FR α).
First Author: Wen Wee Ma, MBBS
- Board 147a ABSTRACT TPS3159: Phase 1 study of SGN-ALPV, a novel, investigational vedotin antibody–drug conjugate directed to ALPP/ALPPL2 in advanced solid tumors (SGNALPV-001, trial in progress).
First Author: Nehal Lakhani, MD, PhD
- Board 147b ABSTRACT TPS3161: Phase 1 study of patritumab deruxtecan (HER3-DXd; U3-1402) in combination with osimertinib in patients with advanced EGFR-mutated NSCLC.
First Author: Pasi A. Janne, MD, PhD

Board 148a ABSTRACT TPS3162: Datopotamab deruxtecan (Dato-DXd) plus pembrolizumab in treatment-naïve advanced/metastatic (adv/met) non-small cell lung cancer (NSCLC) with PD-L1 ≥ 50% and without actionable genomic alterations.
First Author: Benjamin Philip Levy, MD

Board 148b ABSTRACT TPS3163: TARGET National: A U.K.-wide liquid-based molecular profiling program to enhance recruitment to early-phase trials.
First Author: Ana Ortega-Franco, MD, MSc

Board 149a ABSTRACT TPS3164: DELFI-L101: Development of a blood-based assay that evaluates cell-free DNA fragmentation patterns to detect lung cancer.
First Author: Peter J. Mazzone, MD

Board 149b ABSTRACT TPS3165: A phase 2 study of the MDM2 inhibitor milademetan in patients with TP53-wild type and MDM2-amplified advanced or metastatic solid tumors (MANTRA-2).
First Author: Ecaterina Elena Dumbrava, MD

Board 150a ABSTRACT TPS3166: Rationale and design of phase 1 FTIH study of FOXP3 antisense oligonucleotide AZD8701 in patients with selected advanced solid tumors.
First Author: Michele Petruzzelli

Board 150b ABSTRACT TPS3167: Design and rationale of a phase 1 dose-escalation study of AMG 193, a methylthioadenosine (MTA)-cooperative PRMT5 inhibitor, in patients with advanced methylthioadenosine phosphorylase (MTAP)-null solid tumors.
First Author: Miguel Angel Villalona-Calero, MD

Board 151a ABSTRACT TPS3168: A phase 1, first-in-human study of IK-930, an oral TEAD inhibitor targeting the Hippo pathway in subjects with advanced solid tumors.
First Author: Anthony W. Tolcher, MD, FASCO

Board 151b ABSTRACT TPS3169: Phase 1a/b open-label study of IK-175, an oral AHR inhibitor, alone and in combination with nivolumab in patients with locally advanced or metastatic solid tumors and urothelial carcinoma.
First Author: Meredith McKean, MD

Board 152a ABSTRACT TPS3170: Phase 1 study of KT-413, a targeted protein degrader, in adult patients with relapsed or refractory B-cell non-Hodgkin lymphoma.
First Author: Don A. Stevens, MD

Board 152b ABSTRACT TPS3171: Phase 1 study of KT-333, a targeted protein degrader, in patients with relapsed or refractory lymphomas, large granular lymphocytic leukemia, and solid tumors.
First Author: Alexander Starodub, MD, PhD

Board 153a ABSTRACT TPS3172: A two-part, phase II, multi-center study of the ERK inhibitor ulixertinib (BVD-523) for patients with advanced malignancies harboring MEK or atypical BRAF alterations (BVD-523-ABC).
First Author: Mark E. Burkard, MD, PhD

Board 153b ABSTRACT TPS3173: Phase 1/2 dose escalation study of NUV-422, a potent inhibitor of cyclin-dependent kinases 2, 4, and 6, in recurrent or refractory (r/r) high-grade gliomas (HGG) and solid tumors.
First Author: Patrick Y. Wen, MD

Board 154a ABSTRACT TPS3174: A phase I trial of elimusertib in combination with cisplatin or with cisplatin plus gemcitabine in advanced solid tumors with an emphasis on urothelial carcinoma.
First Author: Ryan Leibrandt

Board 154b ABSTRACT TPS3175: A first-in-human phase I dose-escalation trial of the B7-H6/CD3 T-cell engager BI 765049 ± ezabenlimab (BI 754091) in patients with advanced solid tumors expressing B7-H6.
First Author: Gerald Steven Falchook, MD

Board 155a ABSTRACT TPS3176: A phase 1 dose-escalation and expansion-cohort study of the oral CDK7 inhibitor XL102 as a single-agent and in combination therapy in patients (pts) with advanced solid tumors.
First Author: Geoffrey Shapiro, MD, PhD

Board 155b ABSTRACT TPS3177: Phase 1 study of C019199, an oral CSF-1R/DDR3/VEGFR2 multiple kinase inhibitor, to assess the safety, tolerability, pharmacokinetics, and pharmacodynamics in patients with advanced solid tumors, including tenosynovial giant cell tumor.
First Author: Lin Shen, MD, PhD

Board 156a ABSTRACT TPS3178: A phase 1/2 study of DCC3116 as a single agent and in combination with trametinib in patients with advanced or metastatic solid tumors with RAS or RAF mutations.
First Author: Anthony W. Tolcher, MD, FASCO

Board 156b ABSTRACT TPS3179: A multicenter, open-label, phase 1a/b study of HC-7366, a modulator of integrated stress response (ISR) kinase GCN2 in subjects with advanced solid tumors.
First Author: Meredith Pelster, MD, MSc

Board 157a ABSTRACT TPS3180: Efficacy of afatinib in patients with advanced/metastatic solid tumors harboring NRG1 gene fusions: A novel, prospective real-world outcomes study based on single-patient protocol data.
First Author: Stephen V. Liu, MD

Sunday, June 5

8:00 AM - 11:00 AM | Hall A

Sarcoma

Abstracts on Boards 417-428 will be discussed during the Sarcoma Poster Discussion Session.

Posters by Topic

Bone Tumors: Boards 425, 429-438
Gastrointestinal Stromal Tumors (GIST): Boards 417-419, 439-447
Molecular Targets/Biomarkers/Tumor Biology: Boards 448-456
Soft Tissue Tumors: Boards 420-424, 426-428, 457-485
Trials in Progress: Boards 486a-492b

Board 417 ABSTRACT 11512: A phase 1, multicenter, open-label, first-in-human study of DS-6157a in patients (pts) with advanced gastrointestinal stromal tumor (GIST).
First Author: Suzanne George, MD

Board 418 ABSTRACT 11513: Promising antitumor activity of olverembatinib (HQP1351) in patients (pts) with tyrosine kinase inhibitor- (TKI-) resistant succinate dehydrogenase- (SDH-) deficient gastrointestinal stromal tumor (GIST).
First Author: Haibo Qiu, MD, PhD

Board 419 ABSTRACT 11514: KIT resistance mutations identified by circulating tumor DNA and treatment outcomes in advanced gastrointestinal stromal tumor.
First Author: Steven Bialick, DO

Board 420 ABSTRACT 11515: INT230-6 monotherapy and in combination with ipilimumab (IPI) across a broad spectrum of refractory soft tissue sarcomas (STS) [Intensity IT-01; BMS#CA184-592].
First Author: Matthew Ingham, MD

Board 421 ABSTRACT 11516: A phase I/II trial of the PD-1 inhibitor retifanlimab (R) in combination with gemcitabine and docetaxel (GD) as first-line therapy in patients (Pts) with advanced soft-tissue sarcoma (STS).
First Author: Evan Rosenbaum, MD

Board 422 ABSTRACT 11517: Interim analysis of a phase I study of SNK01 (Autologous Nongenetically Modified Natural Killer Cells with Enhanced Cytotoxicity) and avelumab in advanced refractory sarcoma.
First Author: Sant P. Chawla, MD

Board 423 ABSTRACT 11518: GALLANT: A phase 2 study using metronomic gemcitabine, doxorubicin, nivolumab, and docetaxel as second/third-line therapy for advanced sarcoma (NCT04535713).
First Author: Noufil Adnan

Board 424 ABSTRACT 11519: Phase I study of pegylated liposomal doxorubicin in combination with cyclophosphamide and vincristine in pediatric patients with relapsed/refractory sarcoma and other malignant solid tumors.
First Author: Suying Lu, PhD

Board 425 ABSTRACT 11520: Gemcitabine-docetaxel in patients with relapsed high-grade osteosarcoma after first-line treatment with high-dose ifosfamide: A retrospective multicenter study.
First Author: Maria Grazia Pionelli, MD

Board 426 ABSTRACT 11521: NRG-DT001 phase Ib trial of neoadjuvant navtemadlin (previously AMG232 and KRT232) concurrent with preoperative radiotherapy in wild-type p53 soft tissue sarcoma of the extremity and body wall.
First Author: Meng Xu Welliver, MD, PhD

Board 427 ABSTRACT 11522: Preliminary results of a phase IB study of olaparib with concomitant radiotherapy in locally advanced/unresectable soft-tissue sarcoma from the French Sarcoma Group.
First Author: Paul Sargos, MD

Board 428 ABSTRACT 11523: Results of a phase I dose escalation and expansion study of tegavivint (BC2059), a first-in-class TBL1 inhibitor for patients with progressive, unresectable desmoid tumor.
First Author: Lee D. Cranmer, MD, PhD

Board 429 ABSTRACT 11524: A report on the review of archived osteosarcoma and EWING sarcoma specimens at the Biopathology Center, BONE Sarcoma Committee, Children’s Oncology Group.
First Author: Sonja Chen

- Board 430 ABSTRACT 11525: Age as a factor in the molecular landscape and the tumor-microenvironmental signature of osteosarcoma.
First Author: Andreas Seeber, MD, PhD
- Board 431 ABSTRACT 11526: Metzolimos metronomic cyclophosphamide (CP) and methotrexate (MTX) combined with zoledronic acid (ZA) and sirolimus (SIR) in patients with advanced solid tumor with bone metastasis and advanced pretreated osteosarcoma (OSS): A phase Ib study.
First Author: Maud Toulmonde, MD
- Board 432 ABSTRACT 11527: The efficiency of anlotinib in osteosarcoma with chemoresistance: Exploratory therapy based on PDX models and next-generation sequencing.
First Author: Zuoyao Long
- Board 433 ABSTRACT 11528: A phase 2 study of anti-PD-L1 antibody (atezolizumab) in grade 2 and 3 chondrosarcoma.
First Author: Mohamad Adham Salkeni, MD
- Board 434 ABSTRACT 11529: Checkpoint inhibitor and multireceptor tyrosine kinase inhibitor combination in relapsed refractory sarcomas: A single institution series.
First Author: Nupur Mittal, MD
- Board 435 ABSTRACT 11530: Real-world experience of tyrosine kinase inhibitors in patients (pt) with recurrent bone tumours (BT): A CanSarCC study.
First Author: Tushar Shailesh Vora, MD
- Board 436 ABSTRACT 11531: Value of adjuvant radiotherapy in patients with localized Ewing sarcoma at the extremities: Report from the Ewing 2008 trial.
First Author: Philip Heesen
- Board 437 ABSTRACT 11532: Spine high-grade osteosarcoma in the era of radiotherapy with high-energy charged particles: A single institution retrospective analysis.
First Author: Gisberto Evangelisti, MD
- Board 438 ABSTRACT 11533: Subclonal somatic copy number alterations emerge and dominate in recurrent osteosarcoma.
First Author: Michael David Kinnaman, MD, BS
- Board 439 ABSTRACT 11534: Platelet derived growth factor receptor alpha (PDGFRA) mutant gastrointestinal stromal tumours (GISTs): Clinicopathological characteristics and outcomes from a regional centre in the United Kingdom.
First Author: David M. Favara, MD, DPhil
- Board 440 ABSTRACT 11535: Discontinuation of imatinib in patients with oligo-metastatic gastrointestinal stromal tumor who are in complete radiological remission: A prospective multicenter phase II study.
First Author: Ivar Hompland, MD, PhD
- Board 441 ABSTRACT 11536: Second primary malignancies (SPM) in patients with gastrointestinal stromal tumors (GIST): 10-year experience from the Ottawa Hospital (TOH).
First Author: Abdulhameed Alfagih, MD
- Board 442 ABSTRACT 11537: Regorafenib third-lined therapy in advanced GISTs: A single center analysis based on different genotypes.
First Author: Sile Chen, PhD
- Board 443 ABSTRACT 11538: A randomized phase 2 study of continuous or intermittent dosing schedule of imatinib re-challenge in patients with tyrosine kinase inhibitor-refractory gastrointestinal stromal tumors.
First Author: Hyung-Don Kim, MD, PhD
- Board 444 ABSTRACT 11539: Interruption of imatinib in advanced gastrointestinal stromal tumor after prolonged imatinib maintenance in the absence of gross tumor lesions.
First Author: Yoon-Koo Kang, MD, PhD
- Board 445 ABSTRACT 11540: Selective internal radioembolization (SIRT) allows to control liver metastases of gastrointestinal stromal tumors (GIST) failing treatment with tyrosine kinase inhibitors (TKI).
First Author: Peter Hohenberger, MD, PhD
- Board 446 ABSTRACT 11541: Patient reported outcomes and tolerability in patients receiving ripretinib versus sunitinib after imatinib treatment in INTRIGUE: A phase 3 open-label study.
First Author: Hans Gelderblom, MD
- Board 447 ABSTRACT 11542: Outcomes in late-line systemic treatment in GISTs: Does sequence matter?
First Author: Prapassorn Thirasastr, MD, MSc
- Board 448 ABSTRACT 11544: Health-related quality of life in patients with resectable undifferentiated pleomorphic sarcoma treated with neoadjuvant checkpoint blockade in a single institution randomized phase II clinical trial.
First Author: Heather G. Lyu, MD, MBI
- Board 449 ABSTRACT 11545: Extended progression-free survival and long-term safety of nirogacestat in patients with desmoid tumors.
First Author: Geraldine Helen O'Sullivan Coyne, MD, PhD
- Board 450 ABSTRACT 11546: Serum glycoproteomic signatures and association with survival in patients with bone and soft tissue sarcoma treated with immune-checkpoint inhibitor therapy.
First Author: Danie Serie
- Board 451 ABSTRACT 11547: Circulating tumor DNA (ctDNA) detection of molecular residual disease (MRD) as a potential biomarker in localized soft tissue sarcoma (STS).
First Author: Abdulazeez Salawu, MBBS, PhD, MSc, MRCP
- Board 452 ABSTRACT 11548: Pan-sarcoma analysis of DNA damage response pathway alterations and deficiency.
First Author: Steven Bialick, DO
- Board 453 ABSTRACT 11549: Prognostic value of EZH2 expression for immunotherapy-based schemes in advanced soft-tissue sarcoma: A translational research from Spanish Group of Research on Sarcoma (GEIS).
First Author: David Silva Moura, PhD, MSc
- Board 454 ABSTRACT 11550: Clinical utility of circulating tumor DNA sequencing with a large panel in patients with advanced soft-tissue sarcomas.
First Author: Julie Blanchi
- Board 455 ABSTRACT 11551: Using pan-sarcoma multiomic analysis for identifying sarcoma subtypes with immunogenic potential.
First Author: Galina Lagos, MD
- Board 456 ABSTRACT 11552: Distinct oncogenic signatures in malignant PEComa and leiomyosarcoma identified by integrative RNA-seq and H3K27ac ChIP-seq analysis.
First Author: Krinio Giannikou, PhD
- Board 457 ABSTRACT 11553: A phase 1 dose-escalation/expansion clinical trial of mocetinostat in combination with vinorelbine in adolescents and young adults with refractory and/or recurrent rhabdomyosarcoma: Interim results.
First Author: Noah Federman, MD
- Board 458 ABSTRACT 11554: A phase II study of gemcitabine docetaxel combination in metastatic/unresectable locally advanced relapsed synovial sarcoma.
First Author: Ghazal Tansir
- Board 459 ABSTRACT 11555: Activity of regorafenib in patients with non-adipocytic soft tissue sarcoma (NASTS): Evaluation of heterogeneity of treatment effect on the updated analysis of pooled cohorts.
First Author: Marie-Cecile Le Deley, MD, PhD
- Board 460 ABSTRACT 11556: Excess of blood TNFa-R as a sign of recurrence of G1 soft tissue sarcomas in older men and G3 soft tissue sarcomas in older women.
First Author: Irina V. Kaplieva
- Board 461 ABSTRACT 11557: Surufatinib in U.S. patients with soft tissue sarcoma.
First Author: Sujana Movva, MD
- Board 462 ABSTRACT 11558: Handling missing covariates in observational studies: An illustration with the assessment of prognostic factors of survival outcomes in sarcoma in irradiated fields (SIF).
First Author: Noémie Huchet, MSc
- Board 463 ABSTRACT 11559: Prevalence of ultra-rare undifferentiated round cells sarcoma of bone and soft tissue after genomic classification.
First Author: Emanuela Palmerini, MD, PhD
- Board 464 ABSTRACT 11560: Synergistic activity of PARP inhibitors (PARPi) in combination with standard chemotherapy (CTx) in leiomyosarcoma.
First Author: Olga Vornicova, MD
- Board 465 ABSTRACT 11561: Results of a phase I trial of ganitumab plus dasatinib in patients with rhabdomyosarcoma (RMS).
First Author: Srivandana Akshintala, MBBS, MPH
- Board 466 ABSTRACT 11562: Identification of response stratification factors from pooled efficacy analyses of afamitresgene autoleucel ("Afami-cel" [Formerly ADP-A2M4]) in metastatic synovial sarcoma and myxoid/round cell liposarcoma phase 1 and phase 2 trials.
First Author: Sandra P. D'Angelo, MD
- Board 467 ABSTRACT 11563: Phase 1b study of weekly split-dose selinexor in soft tissue sarcoma (STS).
First Author: Abdulazeez Salawu, MBBS, PhD, MRCP, MSc
- Board 468 ABSTRACT 11564: Trabectedin and hypofractionated radiation for high-risk, localized, and metastatic soft tissue sarcoma: A retrospective study.
First Author: Narine Wandrey, MD
- Board 469 ABSTRACT 11565: Radiomics of MRI scans enables differentiation of benign from malignant soft tissue sarcoma.
First Author: Lin Li

Board 470	ABSTRACT 11566: Epithelioid hemangioendothelioma (EHE) patient-derived model (PDX): Drug activity assessment and validation of novel biomarkers. First Author: Silvia Stacchiotti, MD	Board 485	ABSTRACT 11581: Efficacy of liposomal doxorubicin in patients with intra- and extra-abdominal desmoid fibromatosis. First Author: Rodney Dixon Dorand Jr., MD, PhD
Board 471	ABSTRACT 11567: LTX-315 and adoptive cell therapy using tumor-infiltrating lymphocytes in patients with metastatic soft tissue sarcoma. First Author: Morten Nielsen, MD	Board 486a	ABSTRACT TPS11582: A randomized, placebo-controlled, phase 2 trial of INBRX-109 in unresectable or metastatic conventional chondrosarcoma. First Author: Sant P. Chawla, MD
Board 472	ABSTRACT 11568: Randomized, placebo-controlled, double blind, phase II study of zaltoprofen for patients with diffuse-type and unresectable localized tenosynovial giant cell tumors. First Author: Akihiko Takeuchi, MD, PhD	Board 486b	ABSTRACT TPS11583: Phase 2 study to evaluate palbociclib in combination with irinotecan and temozolomide in pediatric patients with recurrent or refractory Ewing sarcoma. First Author: Theodore Willis Laetsch, MD
Board 473	ABSTRACT 11569: The comparison of tumor microenvironment characteristics of well-differentiated and dedifferentiated liposarcoma and the association between immune cell infiltrations and recurrence of tumor. First Author: Yuhong Zhou, MD	Board 487a	ABSTRACT TPS11584: A phase 1/2 dose-escalation and dose-expansion study of ZN-c3 in combination with gemcitabine in adult and pediatric subjects with relapsed or refractory osteosarcoma. First Author: Viswatej Avutu, MD
Board 474	ABSTRACT 11570: Dose intensity and outcomes of VDC/IE chemotherapy for adolescent and adult patients with Ewing’s family sarcoma. First Author: Danielle Klingberg, MBBS	Board 487b	ABSTRACT TPS11585: REGOMAIN: A randomized, placebo-controlled, double-blinded, multicenter, comparative phase II study of the efficacy of regorafenib as maintenance treatment in patients (pts) with high-grade bone sarcomas (HGBS) at diagnosis or relapse and without complete remission after standard treatment. First Author: Mehdi Brahmi, MD, PhD
Board 475	ABSTRACT 11571: PEC-PRO: A new prognostic score from a series of 93 patients with localized perivascular epithelioid cell neoplasms (PEComas) treated with curative intent. First Author: Justine Gantzer, MD	Board 488a	ABSTRACT TPS11586: A phase II/III, randomized, open-label, multicenter study of BI 907828 compared to doxorubicin in the first-line treatment of patients with advanced dedifferentiated liposarcoma (DDLPS): Brightline-1. First Author: Patrick Schöffski, MD, MPH
Board 476	ABSTRACT 11572: Which angiosarcoma subtypes may benefit from immunotherapy? First Author: Stefan G. van Ravensteijn, MD	Board 488b	ABSTRACT TPS11587: A phase II study, with a safety lead-in, to evaluate ATX-101, a peptide drug targeting PCNA, in advanced dedifferentiated liposarcoma and leiomyosarcoma. First Author: Sminu Bose, MD
Board 477	ABSTRACT 11573: Five-year results of a phase 2 trial using ipilimumab (I), nivolumab (N), and trabectedin (T) for previously untreated advanced soft tissue sarcoma (NCT03138161). First Author: Erlinda Maria Gordon, MD	Board 489a	ABSTRACT TPS11588: A pilot study of lenvatinib plus pembrolizumab in patients with advanced sarcoma. First Author: Sujana Movva, MD
Board 478	ABSTRACT 11574: nab-Sirolimus for patients with advanced malignant PEComa with or without prior mTOR inhibitors: Biomarker results from AMPECT and an expanded access program. First Author: Mark Andrew Dickson, MD	Board 489b	ABSTRACT TPS11589: MANTRA: A randomized, multicenter, phase 3 study of the MDM2 inhibitor milademetan versus trabectedin in patients with de-differentiated liposarcomas. First Author: Mrinal M. Gounder, MD
Board 479	ABSTRACT 11575: Trabectedin in advanced retroperitoneal well differentiated/dedifferentiated liposarcoma and leiomyosarcoma (TRAVELL): Results of a phase 2 study from Italian sarcoma group (ISG). First Author: Roberta Sanfilippo, MD	Board 490a	ABSTRACT TPS11590: MOTION: A randomized, phase 3, placebo-controlled, double-blind study of vimseltinib (DCC-3014) for the treatment of tenosynovial giant cell tumor. First Author: William D. Tap, MD
Board 480	ABSTRACT 11576: Genetic abnormalities and aberrant expression of genes involved in chromosome segregation and mitosis in patients with chromosomally unstable malignant soft tissue tumors harboring extensive somatic loss-of-heterozygosity (LOH). First Author: Katsuhito Takahashi, MD, PhD	Board 490b	ABSTRACT TPS11591: ARST2031: A study to compare early use of vinorelbine and maintenance therapy for patients with high risk rhabdomyosarcoma. First Author: Wendy A. Allen-Rhoades, MD, PhD
Board 481	ABSTRACT 11577: Efficacy and safety of eribulin in the treatment of advanced adult soft tissue sarcoma (STS): First real-world data in Chinese population. First Author: Xi Guo	Board 491a	ABSTRACT TPS11592: A phase 1b lead-in to a randomized phase 2 trial of lurbinectedin plus doxorubicin in leiomyosarcoma (LMS). First Author: Gregory Michael Cote, MD, PhD
Board 482	ABSTRACT 11578: Clinical markers of immunotherapy outcomes in sarcoma. First Author: Marium Husain, MD	Board 491b	ABSTRACT TPS11593: TTI-621-03: A phase I/II study of TTI-621 in combination with doxorubicin in patients with unresectable or metastatic high-grade leiomyosarcoma (LMS). First Author: Sant P. Chawla, MD
Board 483	ABSTRACT 11579: The emerging fifth epidemiologic subtype of Kaposi sarcoma in HIV-negative men who have sex with men at a tertiary care center in NYC from 2000 to 2021. First Author: Ayana E. Morales, MD	Board 492a	ABSTRACT TPS11594: A phase II multi-arm study to test the efficacy of oleclumab and durvalumab in specific sarcoma subtypes. First Author: Neeta Somaiah, MD
Board 484	ABSTRACT 11580: DNA damage response pathways in synovial sarcoma. First Author: Priscila Barreto Coelho, MD	Board 492b	ABSTRACT TPS11595: Phase 1/2 study of devimistat in combination with hydroxychloroquine (HCQ) in patients with relapsed or refractory (R/R) clear cell sarcoma (CCS). First Author: Mark Agulnik, MD

Monday, June 6

8:00 AM - 11:00 AM | Hall A

Breast Cancer—Local/Regional/Adjuvant

Abstracts on Boards 281-291 will be discussed during the Breast Cancer—Local/Regional/Adjuvant Poster Discussion Session.

Posters by Topic

Adjuvant Therapy: Boards 283, 290, 292-322

Biologic Correlates: Boards 289, 323-342

Local-Regional Therapy: Boards 287, 343-349

Neoadjuvant Therapy: Boards 281-282, 284-286, 288, 291, 350-377

Trials in Progress: Boards 378a-386b

Board 281	ABSTRACT 509: Prognostic and predictive implications of the intrinsic subtypes and gene expression signatures in early-stage HER2+ breast cancer: A pooled analysis of CALGB 40601, NeoALTO, and NSABP B-41 trials. First Author: Aranzazu Fernandez-Martinez, MD, PhD
Board 282	ABSTRACT 510: Molecular subtype to predict pathologic complete response in HER2-positive breast cancer in the I-SPY2 trial. First Author: Alexandra Thomas, MD, FACP
Board 283	ABSTRACT LBA511: TX05-03e: Adjuvant treatment following neoadjuvant treatment and surgical resection in TX05-03, a trial comparing the safety, efficacy, and immunogenicity of trastuzumab biosimilar candidate (TX05) with originator trastuzumab in HER2+ EBC. First Author: Petr Krivorotko, MD, PhD

- Board 284 ABSTRACT 512: Phase 2 study of response-guided neoadjuvant sacituzumab govitecan (IMMU-132) in patients with localized triple-negative breast cancer: Results from the NeoSTAR trial.
First Author: Laura Spring, MD
- Board 285 ABSTRACT 513: Clinical and biomarker results of neoadjuvant phase II study of pembrolizumab and carboplatin plus docetaxel in triple-negative breast cancer (TNBC) (NeoPACT).
First Author: Priyanka Sharma, MD
- Board 286 ABSTRACT 514: The ImPrint immune signature to identify patients with high-risk early breast cancer who may benefit from PD1 checkpoint inhibition in I-SPY2.
First Author: Lorenza Mittempergher, PhD
- Board 287 ABSTRACT 515: Racial/ethnic disparities in locoregional recurrence in hormone-receptor positive node-negative breast cancer patients enrolled in the TAILORx trial.
First Author: Olga Kantor, MD
- Board 288 ABSTRACT 516: Clinical outcomes and immune markers by race in a phase I/II clinical trial of durvalumab concomitant with neoadjuvant chemotherapy in early-stage TNBC.
First Author: Julia Foldi, MD, PhD
- Board 289 ABSTRACT 517: Whole transcriptomic analysis of HR+ breast cancer in Black women classified as basal-type by Blueprint.
First Author: Sonya A. Reid, MD, MPH
- Board 290 ABSTRACT 518: Impact of body mass index on treatment and outcomes in patients with early hormone receptor-positive breast cancer receiving endocrine therapy with or without palbociclib in the PALLAS trial.
First Author: Georg Pfeiler, MD
- Board 291 ABSTRACT 519: A randomized presurgical trial of alternative dosing of exemestane in postmenopausal women with early-stage ER-positive breast cancer.
First Author: Andrea De Censi, MD
- Board 292 ABSTRACT 520: Chemotherapy refusal and subsequent survival in older women with high genomic risk, estrogen receptor-positive breast cancer.
First Author: McKenzie White, MD
- Board 293 ABSTRACT 521: Physician perspectives on extrapolating data from trials testing less-intense treatment to underrepresented populations.
First Author: Gabrielle Betty Rocque, MD, MSPH, FASCO
- Board 294 ABSTRACT 522: Effect of mevalonate pathway inhibitors on outcomes of patients (pts) with HER2-positive early breast cancer (BC) in the ALTTO trial.
First Author: Carmine De Angelis, MD, PhD
- Board 295 ABSTRACT 523: Socioeconomic disparities in supportive therapy use and tolerance of aromatase inhibitors in patients with early-stage, hormone-positive breast cancer.
First Author: Melanie Wain Kier, MD, MBA
- Board 296 ABSTRACT 524: Estradiol (E2) levels in premenopausal women with hormone receptor-positive (HR+) breast cancer (BC) on ovarian function suppression (OFS) with gonadotropin-releasing hormone agonists (GnRHs).
First Author: Megan Elizabeth Tesch, MD, FRCPC
- Board 297 ABSTRACT 525: Exploring homologous recombination deficiency thresholds for predicting response to platinum-based treatment in triple negative breast cancer.
First Author: Kirsten Timms, PhD
- Board 298 ABSTRACT 526: Metformin, placebo, and endocrine therapy discontinuation among participants in a randomized double-blind trial of metformin versus placebo in hormone receptor-positive early-stage breast cancer (CCTG MA32).
First Author: Dawn L. Hershman, MD, FASCO
- Board 299 ABSTRACT 527: Adjuvant abemaciclib for high-risk early breast cancer (EBC): Factors increasing the rate of treatment discontinuations in monarchE.
First Author: Sara M. Tolaney, MD, MPH
- Board 300 ABSTRACT 528: AMEERA-4: A preoperative window-of-opportunity (WOO) study to assess the pharmacodynamic (PD) activity of amcenestrant or letrozole in postmenopausal patients with ER+/HER2- primary breast cancer.
First Author: Mario Campone, MD, PhD
- Board 301 ABSTRACT 529: Association of progesterone receptor status with 21-gene recurrence score and survival among patients with estrogen receptor-positive breast cancer.
First Author: Sung Jun Ma, MD
- Board 302 ABSTRACT 530: A prognostic model for distant recurrence-free survival in triple-negative breast cancer (TNBC) and the outcomes of initiation of adjuvant chemotherapy in the risk of relapse.
First Author: Zaida Morante, MD
- Board 303 ABSTRACT 531: Breast density reduction as a predictor for prognosis in premenopausal women with hormone receptor-positive breast cancer: A retrospective analysis of the ASTRA study.
First Author: Soong June Bae, MD
- Board 304 ABSTRACT 532: The survival benefit of anti-HER2 treatment in the management of small (T1mic, T1a, T1b, T1c), node-negative HER2+ breast cancer.
First Author: Kai Conrad Cecil Johnson, MD
- Board 305 ABSTRACT 533: Outcomes of patients with T1a,b N0 Her2-positive breast cancer treated with adjuvant trastuzumab in a prospective registry in Ontario, Canada.
First Author: Andrea Eisen, MD, FRCPC
- Board 306 ABSTRACT 534: Safety and tolerability of olaparib combined with breast radiotherapy in patients with triple-negative breast cancer: Final results of the RADIOPARP phase 1 trial.
First Author: Pierre Loap, MD, MSc
- Board 307 ABSTRACT 535: Efficacy and safety of initial five years of adjuvant endocrine therapy in postmenopausal hormone receptor-positive breast cancer: A systematic review and network meta-analysis.
First Author: Hao Liao
- Board 308 ABSTRACT 536: Concordance and clinical impact of ER, PR, HER2 expression by local and central immunohistochemistry versus RT-PCR in HR+/HER2- early breast cancer (EBC): Results from the ADAPT trial.
First Author: Oleg Gluz, MD
- Board 309 ABSTRACT 537: Adherence to EndoPredict test scores for extended endocrine therapy management in the prospective EndoPredict Extended Endocrine Trial (EXET).
First Author: Adam Brufsky, MD, PhD
- Board 310 ABSTRACT 538: The real-world experience of adjuvant docetaxel and cyclophosphamide (TC) chemotherapy in HER-2 negative breast cancer.
First Author: Danilo Giffoni M. M. Mata, MD
- Board 311 ABSTRACT 539: Ovarian function suppression is not indispensable in patients with early breast cancer who are older than age 40.
First Author: Jianqiao Xian, MD
- Board 312 ABSTRACT 540: Adjuvant chemotherapy is associated with an overall survival benefit regardless of age in patients with ER+/HER2-breast cancer with 1-3 positive nodes and Oncotype DX recurrence score 20 to 25: A National Cancer Database analysis.
First Author: Lifan Cao, MD, PhD
- Board 313 ABSTRACT 541: Predictive value of ectopic HORMAD1 tumor expression for high-dose platinum-based chemotherapy benefit in patients with high-risk HER2-negative breast cancer.
First Author: Leonora De Boo, MD
- Board 314 ABSTRACT 542: Adherence to adjuvant endocrine therapy assessed by data from prescription renewals and medical records from tamoxifen in Swedish patients with cytochrome P450 2D6 (CYP2D6) genotyped early breast cancer.
First Author: Linda Thoren, MD
- Board 315 ABSTRACT 543: Estimating survival benefit of adjuvant chemotherapy in postmenopausal women with pT1-2N0 early-stage breast cancer and Oncotype DX recurrence score > 26: A National Cancer Database (NCDB) analysis.
First Author: Lifan Cao, MD, PhD
- Board 316 ABSTRACT 544: Comparison of predicted benefit using RS clin versus observed benefit in a U.S. registry of stage I ER-positive HER2-negative high oncotype DX RS breast cancer.
First Author: Christopher David Walden, MD, PhD
- Board 317 ABSTRACT 545: Predictive performance of breast cancer index (BCI) and clinical treatment score post-5 years (CTS5) in the IDEAL study.
First Author: Gerrit-Jan Liefers, MD, PhD
- Board 318 ABSTRACT 546: Clinical utility of genomic recurrence risk stratification in early, hormone receptor-positive, human epidermal growth factor receptor 2-negative breast cancer.
First Author: Khalil Choucair, MD, MSc
- Board 319 ABSTRACT 547: Type of endocrine therapy and DFS in patients with early HER2+/HR+ BC: Analysis from the phase III randomized ShortHER trial.
First Author: Maria Vittoria Dieci, MD
- Board 320 ABSTRACT 548: Molecular diagnostics to reduce inequity in breast cancer diagnosis.
First Author: Clement Adebayo Adebamowo, MD, ScD, FASCO

- Board 321 ABSTRACT 549: Establishment of a novel BRCAness score that predicts response to PARP inhibitors.
First Author: Masanori Oshi, MD
- Board 322 ABSTRACT LBA550: Evaluation of booster injections in maintaining peak immunity in a phase IIb study evaluating HER2/neu peptide GP2 (GLSI-100) versus GM-CSF alone after adjuvant trastuzumab in women with HER2-positive breast cancer.
First Author: Snehal Patel, MBA, MS
- Board 323 ABSTRACT 551: Predominance of BRCA2 mutation and estrogen receptor-positive breast cancer among BRCA1/2 mutation carriers.
First Author: Pascal Pujol, MD, PhD
- Board 324 ABSTRACT 552: Low baseline vitamin D levels correlate with adverse pathological features and clinical outcomes among patients with breast cancer.
First Author: Dina Barakat, MD
- Board 325 ABSTRACT 553: Correlation of Ki67 working group prognostic risk categories with oncotype DX recurrence score (RS) in early breast cancer (EBC).
First Author: Rima Patel, MD
- Board 326 ABSTRACT 554: Detection of early-stage breast cancer in women by plasma lipidomic profiling.
First Author: Cheka Kehelpannala, PhD
- Board 327 ABSTRACT 555: Risk of contralateral breast and other cancers in patients with invasive lobular breast cancer.
First Author: Grace Mei Yee Choong
- Board 328 ABSTRACT 556: Whole transcriptome analysis of tumors with discordant oncotype and MammaPrint results in the FLEX trial.
First Author: Matei P. Socoteanu, MD
- Board 329 ABSTRACT 557: A breast cancer (BC) risk model incorporating Tyrer-Cuzick version 8 (TCv8) and a polygenic risk score (PRS) for diverse ancestries.
First Author: Elisha Hughes, PhD
- Board 330 ABSTRACT 558: Real-world clinical outcomes in patients with local/regional HER2-low breast cancer: An NCDB analysis.
First Author: Changchuan Jiang, MD, MPH
- Board 331 ABSTRACT 559: Investigation of a genomic signature for transcription factor MAF gene amplification and lack of bisphosphonate benefit in early breast cancer.
First Author: Azadeh Nasrazadani, MD, PhD
- Board 332 ABSTRACT 560: Clinical implications for patients with discordant oncotype and MammaPrint results.
First Author: Matei P. Socoteanu, MD
- Board 333 ABSTRACT 561: Molecular characteristics and clinical outcomes of breast cancer with HRAS mutations.
First Author: Samuel Kareff, MD, MPH
- Board 334 ABSTRACT 562: Serial postoperative ctDNA monitoring of breast cancer recurrence.
First Author: Jacqueline Shaw
- Board 335 ABSTRACT 563: Associations of a breast cancer polygenic risk score with tumor characteristics and survival.
First Author: Josephine Lopes Cardozo, MD
- Board 336 ABSTRACT 564: Is there a role for the oncotype DX breast recurrence score genomic assay in estrogen receptor-low positive breast cancer?
First Author: Julia Giordano
- Board 337 ABSTRACT 565: Recurrence Score (RS) results, clinicopathologic characteristics, treatments, and outcomes in primary versus subsequent breast cancer (BC): Exploratory analysis of the Clalit Health Services (CHS) registry.
First Author: Shlomit Strulov Shachar, MD
- Board 338 ABSTRACT 566: Immune landscape of breast tumors with low and intermediate estrogen receptor (ER) expression.
First Author: Leonie Voorwerk, MD
- Board 339 ABSTRACT 567: Disparity between Ki67 measurements and tumor gene expression tests in patients with hormone-sensitive early breast cancer from the OPTIMA preliminary trial.
First Author: Robert C. Stein, PhD, FCRP
- Board 340 ABSTRACT 568: Impact of neighborhood disadvantage on biological and clinical indicators of anxiety among newly diagnosed patients with breast cancer.
First Author: Neha Goel, MD
- Board 341 ABSTRACT 569: Assessment of FOXC1 expression as a predictor of response to neoadjuvant taxane plus platinum regimens in primary triple-negative breast cancer: Retrospective analysis of three clinical trial cohorts.
First Author: Partha Ray
- Board 342 ABSTRACT 570: miR-150 expression in breast cancer attracts and activates immune cells, and is associated with better patient outcome.
First Author: Masanori Oshi, MD
- Board 343 ABSTRACT 571: Mode of detection of second breast cancers in patients undergoing surveillance after treatment of ductal carcinoma in situ.
First Author: Bethany Waites, MD
- Board 344 ABSTRACT 572: Primary results of ANZ 1002: Post-operative radiotherapy omission in selected patients with early breast cancer trial (PROSPECT) following pre-operative breast MRI.
First Author: Bruce Mann, MD, PhD
- Board 345 ABSTRACT 573: The percentage of unnecessary mastectomy due to false size prediction by preoperative imaging studies in patients with breast cancer who underwent neoadjuvant chemotherapy.
First Author: Yireh Han
- Board 346 ABSTRACT 575: A prospective ultrasonographic surveillance study on the incidence and recovery period of COVID-19 vaccination-related axillary lymphadenopathy following a booster shot.
First Author: Kumiko Kida, MD, PhD
- Board 347 ABSTRACT 576: A randomized, prospective, multicenter trial of 3D printing, a patient-specific surgical guide for breast-conserving surgery after neoadjuvant chemotherapy: Comparative evaluation according to the presence or absence of surgical guide.
First Author: Hong-Kyu Kim, MD, PhD
- Board 348 ABSTRACT 577: Associations between axillary staging, adjuvant treatment, and survival in older women with early-stage breast cancer: A population-based study.
First Author: Matthew Castelo, MD
- Board 349 ABSTRACT 578: Patient interest in exploring nonsurgical treatment approaches for early-stage breast cancer: A qualitative study.
First Author: Maya Guhan, BA
- Board 350 ABSTRACT 579: Three-year disease-free survival in randomized trials of chemotherapy and HER2-targeted therapy: A meta-analysis.
First Author: Abhenil Mittal, MD
- Board 351 ABSTRACT 580: NOHA: A sensitive, low-cost, and accessible blood-based biomarker to determine breast cancer estrogen receptor status in low-resource settings.
First Author: Srinidi Mohan, PhD
- Board 352 ABSTRACT 581: Low TMB as predictor for additional benefit from neoadjuvant immune checkpoint inhibition in triple-negative breast cancer.
First Author: Thomas Karn, PhD
- Board 353 ABSTRACT 582: Peripheral lipidomics analyses with ensemble machine learning predict response to neoadjuvant therapy in breast cancer.
First Author: Jiani Wang, MD
- Board 354 ABSTRACT 583: Biomarkers for response to immunotherapy in triple-negative breast cancer: Differences between survival and pCR biomarkers.
First Author: Carsten Denkert
- Board 355 ABSTRACT 584: Real-world outcomes of patients with human epidermal growth factor 2 (HER2)-positive breast cancer receiving neoadjuvant therapy without adjuvant ado-trastuzumab emtansine (T-DM1).
First Author: Massimo Di Iorio, MDCM
- Board 356 ABSTRACT 585: Identification of transcriptional changes with MammaPrint and Blueprint in early-stage breast cancer after neoadjuvant chemotherapy.
First Author: Alice P. Chung, MD
- Board 357 ABSTRACT 586: Association of facility volume with pathologic complete response and overall survival in patients with non-metastatic breast cancer.
First Author: Sung Jun Ma, MD
- Board 358 ABSTRACT 587: Dapagliflozin associated to sacubitril/valsartan and relationship with cardioprotection in human cardiac cells exposed to doxorubicin and HER2-blocking agents through MyD88, NLRP3 mediated pathways.
First Author: Nicola Maurea
- Board 359 ABSTRACT 588: Primary analysis of MUKDEN 01: A multicenter, single-arm, prospective, phase 2 study of neoadjuvant treatment with pyrotinib and letrozole plus dalpiciclib in triple-positive breast cancer.
First Author: Nan Niu
- Board 360 ABSTRACT 589: Neoadjuvant giredestrant (GDC-9545) plus palbociclib (P) versus anastrozole (A) plus P in postmenopausal women with estrogen receptor-positive, HER2-negative, untreated early breast cancer (ER+/HER2- eBC): Final analysis of the randomized, open-label, international phase 2 coopERA BC study.
First Author: Peter A. Fasching, MD

- Board 361 ABSTRACT 590: Collaborative federated learning behind hospitals' firewalls for predicting histological complete response to neoadjuvant chemotherapy in triple-negative breast cancer.
First Author: Jean Ogier du Terrail
- Board 362 ABSTRACT 591: Improved pathologic complete response rates for triple-negative breast cancer in the I-SPY2 Trial.
First Author: Douglas Yee, MD
- Board 363 ABSTRACT 592: Distribution of breast cancer molecular subtypes within receptor classifications: Lessons from the I-SPY2 Trial and FLEX Registry.
First Author: Jaeyoon Cha, BA
- Board 364 ABSTRACT 593: Combined assessment of metabolic response and tumor infiltrating lymphocytes as a predictor of outcomes following neoadjuvant therapy for HER2-positive breast cancer: Results from the randomized PREDIX HER2 trial.
First Author: Alexios Matikas, MD, PhD, MSc
- Board 365 ABSTRACT 594: Prediction of pathologic complete response to neoadjuvant chemotherapy in breast cancer (SWOG S0800) using image analysis-based tumor infiltrating lymphocyte measurements.
First Author: Kim Blenman, PhD, MS
- Board 366 ABSTRACT 595: Artificial intelligence (AI)-powered spatial analysis of tumor-infiltrating lymphocytes (TIL) for prediction of response to neoadjuvant chemotherapy (NAC) in triple-negative breast cancer (TNBC).
First Author: Hee Jin Lee, MD, PhD
- Board 367 ABSTRACT 596: Final result for SAFIA trial for neoadjuvant palbociclib in patients with operable luminal breast cancer responding to fulvestrant.
First Author: Khalid A. Al-Saleh, MBBS, MSc
- Board 368 ABSTRACT 597: Harnessing artificial intelligence to automate delineation of volumetric breast cancers from magnetic resonance imaging to improve tumor characterization.
First Author: Ryle Zhou
- Board 369 ABSTRACT 598: Prediction of response to neoadjuvant therapy (NAT) in early breast cancer (EBC) at community hospitals: SimBioSys TumorScope Validation Study.
First Author: John R. Pfeiffer, BS
- Board 370 ABSTRACT 599: Real-world effectiveness of prophylactic granulocyte colony-stimulating factor (G-CSF) early (week 1) and late (weeks 2-3) in the cycle for the prevention of febrile neutropenia (FN) among patients (pts) with breast cancer (BC) after high FN-risk chemotherapy (chemo).
First Author: Douglas W. Blayney, MD, FASCO
- Board 371 ABSTRACT 600: Deep learning algorithm to predict pathologic complete response to neoadjuvant chemotherapy for breast cancer prior to treatment.
First Author: Rachel Choi
- Board 372 ABSTRACT 601: Multimodal machine learning model prediction of complete pathological response to neoadjuvant chemotherapy in triple-negative breast cancer.
First Author: David Groheux, MD, PhD
- Board 373 ABSTRACT 602: Neoadjuvant ipilimumab and nivolumab in combination with paclitaxel following anthracycline-based chemotherapy in patients with treatment resistant early-stage triple-negative breast cancer (TNBC): A single-arm phase 2 trial.
First Author: Sherene Loi, MD, PhD
- Board 374 ABSTRACT 603: Copy number aberration burden on circulating tumor DNA predicts recurrence risk after neoadjuvant chemotherapy in patients with triple-negative breast cancer: Post-hoc analysis of phase III PEARLY trial.
First Author: Min Hwan Kim, MD, PhD
- Board 375 ABSTRACT 604: Effect of neoadjuvant versus adjuvant chemotherapy on ipsilateral breast tumor recurrence after breast-conserving surgery and whole-breast irradiation.
First Author: Jong-Ho Cheun, MD
- Board 376 ABSTRACT 605: Intratumoral (IT) INT230-6 can cause tumor necrosis in vivo: Preliminary results of a phase II randomized presurgical window-of-opportunity study in early breast cancers (the INVINCIBLE study).
First Author: Angel Arnaout, MD, FACS
- Board 377 ABSTRACT 606: Does race influence long-term outcomes after neoadjuvant chemotherapy in breast cancer: A National Cancer Database analysis.
First Author: Arya Mariam Roy, MD, MBBS
- Board 378a ABSTRACT TPS607: Adjuvant study of amcenestrant (SAR439859) versus tamoxifen for patients with hormone receptor-positive (HR+) early breast cancer (EBC), who have discontinued adjuvant aromatase inhibitor therapy due to treatment-related toxicity (AMEERA-6).
First Author: Thomas Meyskens
- Board 378b ABSTRACT TPS608: A phase 3, single arm, open-label study evaluating ovarian suppression following 3-month leuprolide acetate for injectable suspension in combination with endocrine therapy in premenopausal subjects with HR+, HER2-negative breast cancer (OVELIA).
First Author: Ryan Tooker, PhD
- Board 379a ABSTRACT TPS609: Adjuvant dynamic marker-adjusted personalized therapy comparing endocrine therapy plus ribociclib versus chemotherapy in intermediate-risk HR+/HER2- early breast cancer: ADAPTcycle.
First Author: Nadia Harbeck, MD
- Board 379b ABSTRACT TPS610: Phase II trial to evaluate immune-related biomarkers for pathological response in stage II-III HER2-positive breast cancer receiving neoadjuvant chemotherapy with subsequent randomization to multi-epitope HER2 vaccine versus placebo in patients with residual disease post-neoadjuvant chemotherapy.
First Author: Saranya Chumsri, MD
- Board 380a ABSTRACT TPS611: A phase 3, randomized, open-label study of the anti-Globo H vaccine adagloxad simolenin/obi-821 in the adjuvant treatment of high-risk, early-stage, Globo H-positive triple-negative breast cancer.
First Author: Hope S. Rugo, MD, FASCO
- Board 380b ABSTRACT TPS612: FLEX, the 30,000 breast cancer transcriptome project: A platform for early breast cancer research using full-genome arrays paired with clinical data.
First Author: Cynthia X. Ma, MD, PhD
- Board 381a ABSTRACT TPS613: NRG-BR007: A phase III trial evaluating de-escalation of breast radiation (DEBRA) following breast-conserving surgery (BCS) of stage 1, hormone receptor+, HER2-, RS ≤18 breast cancer.
First Author: Julia R. White, MD
- Board 381b ABSTRACT TPS614: SMALL: Open surgery versus minimally invasive vacuum-assisted excision for small screen-detected breast cancers.
First Author: Stuart McIntosh, MBChB, FRCS, PhD
- Board 382a ABSTRACT TPS615: ATNEC: A multicenter, randomized trial investigating whether axillary treatment can be avoided in patients with T1-3N1M0 breast cancer with no residual cancer in the lymph glands after neoadjuvant chemotherapy.
First Author: Amit Goyal
- Board 382b ABSTRACT TPS616: Comparing an operation to monitoring, with or without endocrine therapy (COMET), for low-risk ductal carcinoma in situ (DCIS).
First Author: Thomas Lynch, PhD
- Board 383a ABSTRACT TPS617: A single-arm, phase 2 study of perioperative ipilimumab, nivolumab, and cryoablation in women with hormone receptor-negative, HER2-negative, early-stage/resectable breast cancer.
First Author: Heather L. McArthur, MD, MPH
- Board 383b ABSTRACT TPS618: Anlotinib plus tislelizumab combined with chemotherapy as neoadjuvant treatment in triple-negative breast cancer: A prospective, single-arm, open-label phase II study.
First Author: Jing Luo
- Board 384a ABSTRACT TPS619: PARTNER: A randomized, phase II/III trial to evaluate the safety and efficacy of the addition of olaparib to platinum-based neoadjuvant chemotherapy in patients with triple-negative and/or germline BRCA-mutated breast cancer.
First Author: Lynsey Drewett, MBChB, FRACP
- Board 384b ABSTRACT TPS620: Phase II neoadjuvant pyrotinib combined with epirubicin and cyclophosphamide followed by docetaxel in HER2-low-expressing and HR-positive early or locally advanced breast cancer (PILHLE-001): A single-arm trial.
First Author: Yuan Xia
- Board 385a ABSTRACT TPS621: DECRESCENDO: De-escalation of adjuvant chemotherapy in patients with HER2+/HR-/node-negative early breast cancer who achieve pCR after neoadjuvant taxane and subcutaneous dual anti-HER2 blockade.
First Author: Veronique Debieu, MD, MSc
- Board 385b ABSTRACT TPS622: Assessing response to neoadjuvant docetaxel and trastuzumab in Nigerian women with HER2-positive breast cancer (ARETTA).
First Author: Atara Isaiah Ntekim, MD
- Board 386a ABSTRACT TPS623: TRIO-US B-12 TALENT: Phase II neoadjuvant trial evaluating trastuzumab deruxtecan with or without anastrozole for HER2-low, HR+ early-stage breast cancer.
First Author: Sara A. Hurvitz, MD, FACP
- Board 386b ABSTRACT TPS624: Neoadjuvant HER2-targeted therapy +/- immunotherapy with pembrolizumab (neoHIP): An open-label randomized phase II trial.
First Author: Heather L. McArthur, MD, MPH

Monday, June 6

8:00 AM - 11:00 AM | Hall A

Breast Cancer—Metastatic

Abstracts on Boards 391-402 will be discussed during the Breast Cancer—Metastatic Poster Discussion Session.

Posters by Topic

Biologic Correlates: Boards 398, 403-408

HER2-Positive: Boards 409-426

Hormone Receptor-Positive: Boards 393-397, 399-400, 427-447

Triple-Negative: Boards 401-402, 448-462

Other/Nonsubtype Specific: Boards 391-392, 463-483

Trials in Progress: Boards 484a-495b

- Board 391 ABSTRACT 1013: Effect of socioeconomic status as measured by Neighborhood Deprivation Index on survival in metastatic breast cancer.
First Author: Susrutha Puthanmadhom Narayanan, MBBS
- Board 392 ABSTRACT 1014: Increasing Black patient participation in metastatic breast cancer clinical trials: The BECOME (Black Experience of Clinical Trials and Opportunities for Meaningful Engagement) project.
First Author: Stephanie Walker, BSN
- Board 393 ABSTRACT 1015: Quality of life (QOL) with ribociclib (RIB) plus aromatase inhibitor (AI) versus abemaciclib (ABE) plus AI as first-line (1L) treatment (tx) of hormone receptor-positive/human epidermal growth factor receptor-negative (HR+/HER2-) advanced breast cancer (ABC), assessed via matching-adjusted indirect comparison (MAIC).
First Author: Hope S. Rugo, MD, FASCO
- Board 394 ABSTRACT 1016: Characterization of alpelisib-associated hyperglycemia in metastatic breast cancer.
First Author: Sherry Shen, MD
- Board 395 ABSTRACT 1017: Impact of ribociclib (RIB) dose modifications (mod) on overall survival (OS) in patients (pts) with HR+/HER2- advanced breast cancer (ABC) in MONALEESA(ML)-2.
First Author: Lowell L. Hart, MD, FACP
- Board 396 ABSTRACT 1018: Alpelisib (ALP) + endocrine therapy (ET) in patients (pts) with hormone receptor-positive (HR+), human epidermal growth factor receptor 2-negative (HER2-), PIK3CA-mutated (mut) advanced breast cancer (ABC): Baseline biomarker analysis and progression-free survival (PFS) by duration of prior cyclin-dependent kinase 4/6 inhibitor (CDK4/6i) therapy in the BYLieve study.
First Author: Dejan Juric, MD
- Board 397 ABSTRACT 1019: Baseline and longitudinal ctDNA biomarkers in GEICAM/2013-02 (PEARL) trial cohort 2 comparing palbociclib and fulvestrant (PAL + FUL) versus capecitabine (CAPE).
First Author: Javier Pascual, MD
- Board 398 ABSTRACT 1020: Survival in patients with breast cancer and history of autoimmune disease.
First Author: Demitrios Dedousis, MD
- Board 399 ABSTRACT 1021: A phase 1a/b trial of imlunestrant (LY3484356), an oral selective estrogen receptor degrader (SERD) in ER-positive (ER+) advanced breast cancer (aBC) and endometrial endometrioid cancer (EEC): Monotherapy results from EMBER.
First Author: Komal L. Jhaveri, MD, FACP
- Board 400 ABSTRACT 1022: Open-label, phase 2, multicenter study of lasofoxifene (LAS) combined with abemaciclib (Abema) for treating pre- and postmenopausal women with locally advanced or metastatic ER+/HER2- breast cancer and an ESR1 mutation after progression on prior therapies.
First Author: Senthil Damodaran, MD, PhD
- Board 401 ABSTRACT 1023: A phase 1b/2 study of the BET inhibitor ZEN-3694 in combination with talazoparib for treatment of patients with TNBC without gBRCA1/2 mutations.
First Author: Philippe Georges Aftimos, MD
- Board 402 ABSTRACT 1024: Results from plasmaMATCH trial cohort E: A phase II trial of olaparib and ceralasertib in patients with triple-negative advanced breast cancer (CRUK/15/010).
First Author: Alistair E. Ring, MD, MRCP, MA
- Board 403 ABSTRACT 1025: The mutational profile of ER-, PR+, HER2- metastatic breast cancer.
First Author: Neal A. Fischbach, MD
- Board 404 ABSTRACT 1026: A phase II, single-arm, open label, Simon two-stage study of pembrolizumab in patients with metastatic HER2-negative breast cancer: Evaluation of impact of germline variants in APOBEC3B (AUROR).
First Author: Gwo Fuang Ho, MBChB, MRCP, FRCR

- Board 405 ABSTRACT 1027: Targetable genomic mutations in young women with advanced breast cancer.
First Author: Norin Ansari, MD, MPH
- Board 406 ABSTRACT 1028: Neratinib plus fulvestrant plus trastuzumab (N+F+T) for hormone receptor-positive (HR+), HER2-negative, HER2-mutant metastatic breast cancer (MBC): Outcomes and biomarker analysis from the SUMMIT trial.
First Author: Komal L. Jhaveri, MD, FACP
- Board 407 ABSTRACT 1029: Detection of presumed germline pathogenic variants of hereditary breast cancer predisposition genes in circulating tumor DNA: SCRUM-Japan MONSTAR-SCREEN.
First Author: Masaya Hattori, MD
- Board 408 ABSTRACT 1030: Association of interleukin-enhanced factor 2 (ILF2) expression with prognosis and clinico-genomic features in breast cancer (BC).
First Author: Matias A. Bustos, PhD
- Board 409 ABSTRACT 1031: Zanidatamab (zani), a HER2-targeted bispecific antibody, in combination with docetaxel as first-line (1L) therapy for patients (pts) with advanced HER2-positive breast cancer: Preliminary results from a phase 1b/2 study.
First Author: Keun Seok Lee
- Board 410 ABSTRACT 1032: Serena-1: Updated analyses from a phase 1 study (parts C/D) of the next-generation oral SERD camizestrant (AZD9833) in combination with palbociclib, in women with ER-positive, HER2-negative advanced breast cancer.
First Author: Mafalda Oliveira, MD, PhD
- Board 411 ABSTRACT 1033: Pyrotinib in combination with metronomic oral vinorelbine in patients with HER2-positive advanced breast cancer who had failed prior trastuzumab-based therapy: A single-center, single-arm, prospective phase 2 study.
First Author: Chunfang Hao
- Board 412 ABSTRACT 1034: Pyrotinib monotherapy or pyrotinib in combination with capecitabine could significantly prolong progression-free survival and overall survival in patients with HER2-positive metastatic breast cancer.
First Author: Xiuwen Guan, MD
- Board 413 ABSTRACT 1035: Pyrotinib plus nab-paclitaxel in patients with HER2-positive advanced or metastatic breast cancer: A multicenter, single-arm, open-label phase 2 trial.
First Author: Huan Li
- Board 414 ABSTRACT 1036: Monitoring and management of interstitial lung disease/pneumonitis among patients with metastatic breast cancer treated with trastuzumab deruxtecan.
First Author: Jonathan K. Kish, PhD, MPH
- Board 415 ABSTRACT 1037: Updated results and biomarker analyses from the phase I trial of A166 in patients with HER2-expressing locally advanced or metastatic solid tumors.
First Author: Xichun Hu, MD, PhD
- Board 416 ABSTRACT 1038: Early clinical safety and pharmacokinetics data of DZD1516, an BBB-penetrant selective HER2 inhibitor for the treatment of HER2-positive metastatic breast cancer.
First Author: Xichun Hu, MD, PhD
- Board 417 ABSTRACT 1039: Survival of elderly patients with HER2+/HR-metastatic breast cancer in clinical practice: SEER-Medicare data 2012-2016.
First Author: Zhonghui Ou
- Board 418 ABSTRACT 1040: Pyrotinib-based therapy for patients with HER2-positive breast cancer: A multicenter, real-world study.
First Author: Haoqi Wang
- Board 419 ABSTRACT 1041: HER2 alterations and prognostic implications in all subtypes of breast cancer.
First Author: Kaitlyn O'Keefe
- Board 420 ABSTRACT 1042: Matched FES and FDG PET imaging in patients with hormone receptor-positive, HER2+ advanced breast cancer.
First Author: Natasha Hunter, MD
- Board 421 ABSTRACT 1043: Treatment patterns and their impact on the outcome of patients with HR+/HER2+ metastatic breast cancer in a large real-world cohort.
First Author: Marcela Carausu, MD
- Board 422 ABSTRACT 1044: Prognostic implications of HER2Neu-low in metastatic breast cancer.
First Author: Shaakir Hasan, DO
- Board 423 ABSTRACT 1045: Brain metastasis as first and only metastatic relapse site portends poor outcomes in patients with advanced HER2+ breast cancer.
First Author: Laura Noteware, BS

- Board 424 ABSTRACT 1046: Dynamic circulating tumor DNA (ctDNA) in monitoring trastuzumab deruxtecan (TDXd) activity for patients (pts) with advanced breast cancer: Preliminary results of a feasibility study. First Author: Elena Giordani
- Board 425 ABSTRACT 1047: Factors associated with short- and long-term survival in metastatic HER2+ breast cancer. First Author: Jose Pablo Leone, MD
- Board 426 ABSTRACT 1048: HER2-targeted immunoconjugates for breast cancer: Ancestry and dose adjustment for thrombocytopenia. First Author: Michael Rainone, MBCh
- Board 427 ABSTRACT 1049: Post-recurrence survival in asymptomatic compared with symptomatic metastatic breast cancer: A multicenter retrospective study. First Author: Sayaka Kuba
- Board 428 ABSTRACT 1050: Chemotherapy shows better efficacy than endocrine therapy in patients with metastatic breast cancer with heterogeneous estrogen receptor expression. First Author: Yizhao Xie
- Board 429 ABSTRACT 1051: Aromatase inhibitors for breast cancer therapy: Analysis of real-world FAERS data. First Author: Dawood Findakly, MD
- Board 430 ABSTRACT 1052: Long-term safety of inavolisib (GDC-0077) in an ongoing phase 1/1b study evaluating monotherapy and in combination (combo) with palbociclib and/or endocrine therapy in patients (pts) with PIK3CA-mutated, hormone receptor-positive/HER2-negative (HR+/HER2-) metastatic breast cancer (BC). First Author: Philippe L. Bedard, MD, FRCPC
- Board 431 ABSTRACT 1053: Phase I study combining pembrolizumab and aromatase inhibitor in patients with metastatic hormone receptor-positive breast cancer. First Author: Xuan Ge, MD
- Board 432 ABSTRACT 1054: Molecular alterations associated with rapid progression following CDK4/6 inhibitors (CDKi) in metastatic hormone receptor-positive breast cancer (mHRBC). First Author: Malinda T. West, MD, MS
- Board 433 ABSTRACT 1055: Clinical outcomes with alpelisib (ALP) plus fulvestrant (FUL) after prior treatment (tx) with FUL in patients (pts) with advanced breast cancer (ABC): A real-world (RW) analysis. First Author: Joyce O'Shaughnessy, MD
- Board 434 ABSTRACT 1056: CDK4/6 inhibitors outcomes in patients with advanced breast cancer based on HER2-low expression. First Author: Laura Sabina Lapuchesky
- Board 435 ABSTRACT 1057: ESR1 mutations in circulating tumor DNA (ctDNA) are associated with CTCs and increased hormone receptors in metastatic tumor tissues of patients with metastatic breast cancer (MBC). First Author: Qiang Zhang, PhD
- Board 436 ABSTRACT 1058: Longitudinal circulating tumor DNA (ctDNA) whole-exome sequencing (WES) in the phase Ib/II trial of palbociclib and bazedoxifene reveals genomic dynamics and clonal evolution with the acquisition of treatment resistance in hormone receptor-positive, HER2-negative (HR+ HER2-), advanced breast cancer (ABC). First Author: Albert Grinshpun, MD
- Board 437 ABSTRACT 1059: Efficacy and safety of tenalisib, a PI3K / and SIK3 inhibitor in patients with locally advanced or metastatic breast cancer: Initial results from a phase II study. First Author: Tamta Makharadze
- Board 438 ABSTRACT 1060: Predicting hyperglycemia among patients receiving alpelisib plus fulvestrant for metastatic breast cancer. First Author: Xuan Ge, MD
- Board 439 ABSTRACT 1061: Utility of liquid biopsy for identifying emerging mutations (mut) and novel treatment options in luminal metastatic breast cancer (LMBC). First Author: Alberto Gonzalez-Medina, PhD
- Board 440 ABSTRACT 1062: Clinical value of next-generation sequencing in endocrine therapy for advanced hormone receptor-positive/HER2-negative breast cancer. First Author: Dan Lv
- Board 441 ABSTRACT 1063: Ribociclib-induced acute kidney injury: Uncover the MONALEESA's dark face. First Author: Maissoune Hajir
- Board 442 ABSTRACT 1064: Identifying genetic factors of response and resistance to CDK4/6 inhibitors in metastatic HR+/HER2-breast cancer using real-world data. First Author: Smita Agrawal, PhD
- Board 443 ABSTRACT 1065: Real-world efficacy of ribociclib (RIB) plus aromatase inhibitor (AI)/fulvestrant (FUL), or endocrine monotherapy (ET), or chemotherapy (CT) as first-line (1L) treatment (tx) in patients (pts) with hormone receptor-positive (HR+), human epidermal growth factor receptor-2-negative (HER2-) advanced breast cancer (ABC): Results of fourth interim analysis (IA) from RIBANNA. First Author: Diana Lüftner, MD
- Board 444 ABSTRACT 1066: Dapiciclib in combination with letrozole/anastrozole or fulvestrant in HR+/HER2- advanced breast cancer: A phase Ib study. First Author: Qingyuan Zhang, MD, PhD
- Board 445 ABSTRACT 1067: Survival outcomes in metastatic HR-positive, HER2-negative invasive ductal carcinoma compared to invasive lobular carcinoma and mixed ductal/lobular treated with endocrine therapy in combination with CDK4/6 inhibitors, mTOR inhibitor, or PI3K inhibitor. First Author: Jason A. Mouabbi, MD
- Board 446 ABSTRACT 1068: Hormone therapy (HT) or capecitabine (CAP) as maintenance therapy following the first-line chemotherapy in HR+/HER2-ABC/MBC: Secondary endpoint adverse effects (AEs) and toxicity report of OVERSTEP Trial (ZJCH15001/CBCSG 035). First Author: Jian Huang
- Board 447 ABSTRACT 1069: A novel analysis of data from the PALOMA-3 trial confirms the efficacy of palbociclib and provides an option for efficacy assessments that could accelerate drug approvals. First Author: Celine Yeh
- Board 448 ABSTRACT 1070: The safety, tolerability, and preliminary antitumor activity of sitravatinib plus tislelizumab in patients with locally recurrent or metastatic triple-negative breast cancer. First Author: Lei Fan, MD, PhD
- Board 449 ABSTRACT 1071: Sacituzumab govitecan (SG) versus treatment of physician's choice (TPC) in patients (pts) with previously treated, metastatic triple-negative breast cancer (mTNBC): Final results from the phase 3 ASCENT study. First Author: Aditya Bardia, MD, MPH, FASCO
- Board 450 ABSTRACT 1072: Apatinib combined with chemotherapy versus single chemotherapy in HER-2 negative advanced breast cancer: A randomized, controlled, open-label phase II study. First Author: Zhanhong Chen
- Board 451 ABSTRACT 1073: Leveraging patient engagement to optimize a phase 3 clinical trial design, study participation and recruitment for women diagnosed with triple-negative breast cancer (TNBC). First Author: Mary E. Elmer, MSN
- Board 452 ABSTRACT 1074: Real-world outcomes of Black women versus non-Hispanic White women with advanced triple-negative breast cancer treated with immune checkpoint inhibitors at an urban cancer center. First Author: Jeffrey Aldrich, MD
- Board 453 ABSTRACT 1075: Real-world treatment patterns and outcomes among patients (pts) with second-line (2L) and third-line (3L) metastatic triple-negative breast cancer (mTNBC) in England using the Cancer Analysis System (CAS). First Author: Lawrence Chang
- Board 454 ABSTRACT 1076: Exposure-response analyses of sacituzumab govitecan (SG) efficacy and safety in patients (pts) with metastatic triple-negative breast cancer (mTNBC). First Author: Indrajeet Singh
- Board 455 ABSTRACT 1077: A phase 3, multicenter, open, randomized controlled clinical study of gemcitabine plus capecitabine versus gemcitabine plus carboplatin in the first-line treatment for advanced triple-negative breast cancer. First Author: Xiaodong Liu
- Board 456 ABSTRACT 1078: Mechanisms of action and acquired resistance to atezolizumab plus *nab*-paclitaxel in metastatic triple-negative breast cancer (mTNBC). First Author: Luciana Molinero, PhD
- Board 457 ABSTRACT 1079: Comprehensive immune profiling unravels evolution of spatial distribution and immune repertoire in tumor microenvironment from primary to metastatic triple-negative breast cancer. First Author: Weihua Guo, PhD
- Board 458 ABSTRACT 1080: Genomic landscape and peripheral blood biomarkers of advanced triple-negative breast cancer treated with immune checkpoint blockade: An exploratory analysis of the TQB2450-Ib-07 trial. First Author: Yiqun Han
- Board 459 ABSTRACT 1081: Phase 1b/2 study of GX-I7 plus pembrolizumab in patients with refractory or recurrent (R/R) metastatic triple-negative breast cancer (mTNBC): The KEYNOTE-899 Study. First Author: Joohyuk Sohn, MD, PhD

- Board 460 ABSTRACT 1082: Association of 27-gene IO score with outcome in a phase Ib trial of pembrolizumab (pembro) plus chemotherapy (CT) in metastatic triple-negative breast cancer (mTNBC).
First Author: David B. Page, MD
- Board 461 ABSTRACT 1083: Impact of steroid premedication on atezolizumab (atezo)-induced immune cell activation: A comparative analysis of IMpassion130 and IMpassion131 peripheral blood mononuclear cells (PBMCs).
First Author: Luciana Molinero, PhD
- Board 462 ABSTRACT 1084: Safety interim analysis (SIA) of atractib: A phase 2 trial of first-line (1L) atezolizumab (A) in combination with paclitaxel (P) and bevacizumab (B) in metastatic triple-negative breast cancer (mTNBC).
First Author: Maria Cortes, MD
- Board 463 ABSTRACT 1085: Targeting kinome reprogramming in ESR1 fusion-driven metastatic breast cancer.
First Author: Xuxu Gou
- Board 464 ABSTRACT 1086: Shedding of ctDNA, radiomics assessment of tumor disease volume (TDV), and concordance of mutations (mut) in synchronous liquid and tumor biopsies in metastatic breast cancer (MBC).
First Author: Andri Papakonstantinou, MD, PhD
- Board 465 ABSTRACT 1087: Retrospective study to estimate the prevalence of HER2-low breast cancer (BC) and describe its clinicopathological characteristics.
First Author: Giuseppe Viale, MD, FRCPath
- Board 466 ABSTRACT 1089: Survival and prognostic factors in oligometastatic breast cancer.
First Author: Annemiek Van Ommen-Nijhof, MD
- Board 467 ABSTRACT 1090: Quantitative proteomics landscape and association with BASP1 and breast cancer metastasis.
First Author: Jaspreet Kaur, MSc
- Board 468 ABSTRACT 1091: Efficacy and impact of SARS-CoV-2 vaccination on cancer treatment for patients with breast cancer: A multicenter, prospective, observational study.
First Author: Mitsuo Terada
- Board 469 ABSTRACT 1092: Lurbinectedin in patients with pretreated BRCA1/2-associated metastatic breast cancer: Results from a phase II basket study.
First Author: Valentina Boni, MD
- Board 470 ABSTRACT 1093: CK+/CD45+ (dual-positive) circulating cells are associated with prognosis in patients with advanced breast cancer.
First Author: Carolina Reduzzi, PhD, MSc
- Board 471 ABSTRACT 1094: Eribulin mesylate versus eribulin plus anlotinib in patients with advanced or metastatic breast cancer: Results of a phase II study.
First Author: Liping Liu, MD
- Board 472 ABSTRACT 1095: Historical redlining and breast cancer survival in the United States: Evidence from the 2010-2017 SEER Medicare linked dataset.
First Author: Jean C. Bikomeye, PhD (c), MPH
- Board 473 ABSTRACT 1096: Comprehensive whole-exome and transcriptome profiling to identify actionable alterations associated with response to PARP inhibitors in breast cancer.
First Author: Susan M. Dombrowski, PhD, MS
- Board 474 ABSTRACT 1097: Interplay between B cell and GABA metabolism (GABAm) and association with immune evasion in breast carcinoma (BC).
First Author: Frances Elaine Chow
- Board 475 ABSTRACT 1098: A phase IB/II study of nivolumab in combination with eribulin in HER2-negative metastatic breast cancer (KCSG BR18-16).
First Author: Se Hyun Kim, MD, PhD
- Board 476 ABSTRACT 1099: Is cure possible for breast cancer metastatic to the liver?
First Author: Rene Adam, MD, PhD
- Board 477 ABSTRACT 1100: Subgroup analysis of patients with no prior chemotherapy in EMERALD: A phase 3 trial evaluating elacestrant, an oral selective estrogen receptor degrader (SERD), versus investigator's choice of endocrine monotherapy for ER+/HER2-advanced/metastatic breast cancer (mBC).
First Author: Virginia G. Kaklamani, MD
- Board 478 ABSTRACT 1101: Clinical and radiographic characteristics of patients with metastatic breast cancer and pseudocirrhosis: A single-center retrospective cohort study.
First Author: Laura Ann Huppert, MD
- Board 479 ABSTRACT 1102: A multiple center, open-label, single-arm, phase II clinical trial of MRG002, an HER2-targeted antibody-drug conjugate, in patients with HER2-low expressing advanced or metastatic breast cancer.
First Author: Zefei Jiang, MD
- Board 480 ABSTRACT 1103: Patient-reported outcomes for measuring the quality of life in advanced breast cancer treated with third-line and beyond chemotherapy-based regimens: A national cross-sectional study.
First Author: Xiuwen Guan, MD
- Board 481 ABSTRACT 1104: A novel oral paclitaxel and HM10381 (oraxel)-treated metastatic breast cancer: A phase I study (KXORAXCN-007).
First Author: Tao Qin
- Board 482 ABSTRACT 1105: Impact of an individualized counseling program on weight loss and quality of life in breast cancer survivors.
First Author: Iktej Singh Jabbal, MBBS
- Board 483 ABSTRACT 1106: Optimal timing and interval of imaging for metastatic breast cancer.
First Author: Shruti Rajesh Patel, MD
- Board 484a ABSTRACT TPS1107: EPIK-B4: A phase 2, randomized study of metformin (MET) extended release (XR) +/- dapagliflozin (DAPA) to prevent hyperglycemia (HG) in patients (pts) with hormone receptor-positive (HR+), human epidermal growth factor receptor 2-negative (HER2-), PIK3CA-mutated (mut) advanced breast cancer (ABC) treated with alpelisib (ALP) and fulvestrant (FUL).
First Author: William John Gradishar, MD, FACP, FASCO
- Board 484b ABSTRACT TPS1108: Phase 3 study of tucatinib or placebo in combination with trastuzumab and pertuzumab as maintenance therapy for HER2+ metastatic breast cancer (HER2CLIMB-05, trial in progress).
First Author: Erika P. Hamilton, MD
- Board 485a ABSTRACT TPS1109: EPIK-B5: A phase III, randomized study of alpelisib (ALP) plus fulvestrant (FUL) in patients with hormone receptor-positive (HR+), human epidermal growth factor receptor 2-negative (HER2-), PIK3CA-mutated advanced breast cancer (ABC) progressing on/after an aromatase inhibitor (AI) with a cyclin-dependent kinase 4/6 inhibitor (CDK4/6i).
First Author: Michelino De Laurentiis, MD, PhD
- Board 485b ABSTRACT TPS1110: A randomized, multicenter, placebo-controlled, phase III study to evaluate the efficacy and safety of HER2/neu peptide GLSI-100 (GP2 + GM-CSF) in patients with residual disease or high-risk PCR after both neo-adjuvant and postoperative adjuvant anti-HER2 therapy, Flamingo-01.
First Author: Snehal Patel, MBA, MS
- Board 486a ABSTRACT TPS1111: Phase 2 trial of tucatinib plus trastuzumab deruxtecan in patients with HER2+ locally advanced or metastatic breast cancer with and without brain metastases (HER2CLIMB-04, trial in progress).
First Author: Ian E. Krop, MD, PhD
- Board 486b ABSTRACT TPS1112: Targeting HER2-positive metastatic breast cancer with ARX788, a novel anti-HER2 antibody-drug conjugate in patients whose disease is resistant or refractory to T-DM1, and/or T-DXd, and/or tucatinib-containing regimens.
First Author: Janice M. Lu, MD, PhD
- Board 487a ABSTRACT TPS1113: Targeting insulin feedback to enhance alpelisib (TIFA): A phase II randomized trial in metastatic, PIK3CA-mutant, hormone receptor-positive breast cancer.
First Author: Sherry Shen, MD
- Board 487b ABSTRACT TPS1114: A phase II, single-arm, non-randomized study of alpelisib (BYL719) in combination with continued endocrine therapy following progression on endocrine therapy in hormone receptor-positive, HER2-negative, PIK3CA-mutant metastatic breast cancer: A Big Ten Cancer Research Consortium Study (btcr-BRE19-409).
First Author: Cristina I. Truica, MD
- Board 488a ABSTRACT TPS1115: A multicenter, open-label, phase 2 study of odetiglugan (IMPRIME PGG) and pembrolizumab in patients with metastatic breast cancer (mBCA) who have progressed through prior hormonal therapy.
First Author: Alison Stopeck, MD
- Board 488b ABSTRACT TPS1116: DOLAF: An international multicenter phase II trial of durvalumab (MEDI4736) plus olaparib plus fulvestrant in patients with metastatic or locally advanced ER-positive, HER2-negative breast cancer selected using criteria that predict sensitivity to olaparib.
First Author: Severine Guiu Lahaye, MD, PhD
- Board 489a ABSTRACT TPS1117: postMONARCH: A phase 3 study of abemaciclib plus fulvestrant versus placebo plus fulvestrant in patients with HR+, HER2-, metastatic breast cancer following progression on a CDK4 & 6 inhibitor and endocrine therapy.
First Author: Kevin Kalinsky, MD, MS

- Board 489b ABSTRACT TPS1118: KEYNOTE-B49: A phase 3, randomized, double-blind, placebo-controlled study of pembrolizumab plus chemotherapy in patients with HR+/HER2- locally recurrent inoperable or metastatic breast cancer.
First Author: Hope S. Rugo, MD, FASCO
- Board 490a ABSTRACT TPS1119: Neoadjuvant survivin-targeted immunotherapy maveropepimut-S (MVP-S) to increase Th1 immune response in Ki67-high hormone receptor-positive (HR+) early-stage breast cancer (ESBC).
First Author: Sasha E. Stanton, MD, PhD
- Board 490b ABSTRACT TPS1120: ARV-471, an estrogen receptor (ER) PROTAC degrader, combined with palbociclib in advanced ER+/human epidermal growth factor receptor 2-negative (HER2-) breast cancer: Phase 1b cohort (part C) of a phase 1/2 study.
First Author: Erika P. Hamilton, MD
- Board 491a ABSTRACT TPS1121: Phase 3 ENABLAR-2 study to evaluate enobosarm and abemaciclib combination compared to estrogen-blocking agent for the second-line treatment of AR+, ER+, HER2-metastatic breast cancer in patients who previously received palbociclib and estrogen-blocking agent combination therapy.
First Author: Elgene Lim, MBBS, PhD, FRACP
- Board 491b ABSTRACT TPS1122: Phase Ib/II study of BCL-2 inhibitor lisaftoclax (APG-2575) safety and tolerability when administered alone or combined with a cyclin-dependent kinase 4/6 (CDK4/6) inhibitor in patients with estrogen receptor-positive (ER+) breast cancer or advanced solid tumors.
First Author: Kevin Kalinsky, MD, MS
- Board 492a ABSTRACT TPS1123: TWT-203: Phase 1b/2 dose-confirming study of CFI-402257 as a single agent in advanced solid tumors and in combination with fulvestrant in patients with ER+/HER2- advanced breast cancer after disease progression on prior CDK4/6 and endocrine therapy.
First Author: Robert Wesolowski, MD
- Board 492b ABSTRACT TPS1124: First-in-human global multi-center study of RLY-2608, a pan-mutant and isoform-selective PI3K α inhibitor, as a single agent in patients with advanced solid tumors and in combination with fulvestrant in patients with advanced breast cancer.
First Author: Cesar Augusto Perez, MD
- Board 493a ABSTRACT TPS1125: Phase I trial of an alpha-lactalbumin vaccine in patients with moderate- to high-risk operable triple-negative breast cancer (TNBC).
First Author: George Thomas Budd, MD
- Board 493b ABSTRACT TPS1126: Phase 1 pilot study with dose expansion of chemotherapy in combination with CD40 agonist and Flt3 ligand in metastatic triple-negative breast cancer.
First Author: Sangeetha M. Reddy, MD, MSC
- Board 494a ABSTRACT TPS1127: Phase 1b/2 study of ladiratuzumab vedotin (LV) in combination with pembrolizumab for first-line treatment of triple-negative breast cancer (SGNLVA-002, trial in progress).
First Author: Jane Lowe Meisel, MD
- Board 494b ABSTRACT TPS1128: A phase I/II trial evaluating the safety and efficacy of eribulin in combination with copanlisib in patients with metastatic triple-negative breast cancer (TNBC).
First Author: Nusayba Ali Bagegni, MD
- Board 495a ABSTRACT TPS1129: Evaluation of a three-part equity intervention for women of color with breast cancer.
First Author: Jamil Rivers, MBA
- Board 495b ABSTRACT TPS1130: Phase I/II first-in-human CAR T-targeting MUC1 transmembrane cleavage product (MUC1*) in patients with metastatic breast cancer.
First Author: Cynthia Carol Bamdad, PhD (c)

Monday, June 6

8:00 AM - 11:00 AM | Hall A

Lung Cancer—Non-Small Cell Local-Regional/Small Cell/Other Thoracic Cancers

Abstracts on Boards 135-145 will be discussed during the Lung Cancer—Non-Small Cell Local-Regional/Small Cell/Other Thoracic Cancers Poster Discussion Session.

Posters by Topic

Adjuvant Therapy: Boards 146-153

Biologic Correlates: Boards 154-162

Local-Regional Non-Small Cell Lung Cancer: Boards 135-141, 163-183

Mesothelioma: Boards 184-189

Small Cell Lung Cancer: Boards 142-145, 190-210

Thymic Malignancies: Boards 211-215

Trials in Progress: Boards 216a-223b

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- Board 135 ABSTRACT 8508: Two-year update from KEYNOTE-799: Pembrolizumab plus concurrent chemoradiation therapy (cCRT) for unresectable, locally advanced, stage III NSCLC.
First Author: Martin Reck, MD, PhD
- Board 136 ABSTRACT 8509: Consolidation nivolumab plus ipilimumab or nivolumab alone following concurrent chemoradiation for patients with unresectable stage III non-small cell lung cancer: BTCRC LUN 16-081.
First Author: Greg Andrew Durm, MD
- Board 137 ABSTRACT 8510: The Selective Personalized Radio-immunotherapy for Locally Advanced NSCLC Trial (SPRINT): Initial results.
First Author: Nitin Ohri, MD, MS
- Board 138 ABSTRACT LBA8511: Neoadjuvant nivolumab (NIVO) + platinum-doublet chemotherapy (chemo) versus chemo for resectable (IB–IIIA) non-small cell lung cancer (NSCLC): Association of pathological regression with event-free survival (EFS) in CheckMate 816.
First Author: Mariano Provencio-Pulla, MD, PhD
- Board 139 ABSTRACT 8512: EORTC-1416-LCG/ETOP 8-15 – PEARLS/KEYNOTE-091 study of pembrolizumab versus placebo for completely resected early-stage non-small cell lung cancer (NSCLC): Outcomes in subgroups related to surgery, disease burden, and adjuvant chemotherapy use.
First Author: Mary E.R. O'Brien, MD
- Board 140 ABSTRACT 8513: Safety results of NRG-LU004: Phase I trial of accelerated or conventionally fractionated radiotherapy combined with durvalumab in PD-L1-high locally advanced non-small cell lung cancer.
First Author: Steven H. Lin, MD, PhD
- Board 141 ABSTRACT 8514: Distinct genomic and immunophenotypic features of solid-predominant versus nonsolid-predominant stage I lung adenocarcinomas and association with disease recurrence after surgical resection.
First Author: Joao Victor V. Alessi, MD
- Board 142 ABSTRACT 8515: Surfaceome profiling to reveal unique therapeutic vulnerabilities in transcriptional subtypes of small cell lung cancer (SCLC).
First Author: Taofeek K. Owonikoko, MD, PhD
- Board 143 ABSTRACT 8516: Sintilimab plus anlotinib as second or further-line therapy for small cell lung cancer: An objective performance trial.
First Author: Shuxiang Ma, PhD
- Board 144 ABSTRACT 8517: Primary analysis from the phase 2 study of continuous talazoparib (TALA) plus intermittent low-dose temozolomide (TMZ) in patients with relapsed or refractory extensive-stage small cell lung cancer (ES-SCLC).
First Author: Jonathan W. Goldman, MD
- Board 145 ABSTRACT 8518: Targeting genomic instability in extrapulmonary small cell neuroendocrine cancers: A phase II study with ATR inhibitor berzosertib and topotecan.
First Author: Nobuyuki Takahashi, MD, PhD
- Board 146 ABSTRACT 8519: Adjuvant icotinib versus observation in patients with completely resected, EGFR-mutated, stage IB non-small cell lung cancer (GASTO1003, CORIN): A randomized phase II trial.
First Author: Ning Li
- Board 147 ABSTRACT 8520: Patients' preferences for adjuvant osimertinib in non-small cell lung cancer (NSCLC) after complete surgical resection: What makes it worth it to patients? (PATT)—The Roswell Park (RP) Comprehensive Cancer Center experience.
First Author: Angel Mier-Hicks, MD
- Board 148 ABSTRACT 8521: Predictors of adjuvant chemotherapy refusal in lung cancer: A National Cancer Database Study.
First Author: Anjan Katel
- Board 149 ABSTRACT 8522: The Lung ART adjuvant radiotherapy phase 3 randomized trial: Impact of quality of resection in stage II/AN2 patients.
First Author: Pascal Alexandre Thomas
- Board 150 ABSTRACT 8523: Checkpoint inhibitor consolidation after definitive chemoradiation for stage III non-small cell lung cancer: Real-world experience in a large academic health system.
First Author: Nikhil Yegya-Raman, MD
- Board 151 ABSTRACT 8524: Analysis of patients with relapsed small cell lung cancer (SCLC) receiving single-agent lurbinectedin in the phase 3 ATLANTIS trial.
First Author: Alejandro Navarro, MD
- Board 152 ABSTRACT 8525: A real-world (rw) evidence study quantifying the clinical value of multi-gene testing in early-stage lung adenocarcinoma (LUAD).
First Author: Nathan A. Pennell, MD, PhD, FASCO
- Board 153 ABSTRACT 8526: Racial disparities in the clinical use of durvalumab for patients with stage III unresectable non-small cell lung cancer treated at Veterans Health Administration facilities.
First Author: Amanda Moore, PharmD

- Board 154 ABSTRACT 8527: PD-L1 score as a prognostic biomarker in Asian patients with early-stage, EGFR-mutated lung cancer.
First Author: Stephanie Saw, MBBS
- Board 155 ABSTRACT 8528: Pre-existing interstitial lung abnormalities are independent risk factors for interstitial lung disease during durvalumab treatment after chemoradiotherapy in patients with locally advanced non-small lung cancer.
First Author: Wakako Daido
- Board 156 ABSTRACT 8529: Observer performance study to examine the feasibility of the AI-powered PD-L1 analyzer to assist pathologists' assessment of PD-L1 expression using tumor proportion score in non-small cell lung cancer.
First Author: Seokhwi Kim, MD, PhD
- Board 157 ABSTRACT 8530: Driver coexistence characteristics of ALK-fusion in Chinese patients with lung cancer.
First Author: Min Gao
- Board 158 ABSTRACT 8531: Spatial meta-transcriptomics reveal intratumor bacterial association with lung cancer cells showing a distinct oncogenic signature.
First Author: Chen Zhao, MD
- Board 159 ABSTRACT 8532: Low skeletal muscle area and association with toxicity and hospitalization with chemotherapy in advanced non-small cell lung cancer.
First Author: Anurag Saraf, MD
- Board 160 ABSTRACT 8533: Postoperative ctDNA in indicating the recurrence risk and monitoring the effect of adjuvant therapy in surgical non-small cell lung cancers.
First Author: Xiaoru Tian
- Board 161 ABSTRACT 8534: Analysis of circulating tumor DNA in the phase 2 BTCRC LUN 16-081 trial of consolidation nivolumab with or without ipilimumab after chemoradiation in stage III non-small cell lung cancer.
First Author: Soyeong Jun, PhD
- Board 162 ABSTRACT 8535: Monitoring PD-L1 expression on circulating stromal cells in blood predicts PFS and OS in patients with metastatic NSCLC treated with PD-L1/PD-1 immunotherapy.
First Author: Jillian Moran, BA
- Board 163 ABSTRACT 8536: A phase II study of durvalumab (MEDI4736) immediately after completion of chemoradiotherapy in unresectable stage III non-small cell lung cancer: TORG1937 (DATE study).
First Author: Shinji Nakamichi, MD, PhD
- Board 164 ABSTRACT 8537: Neoadjuvant nivolumab in early-stage non-small cell lung cancer (NSCLC): Five-year outcomes.
First Author: Samuel Rosner, MD
- Board 165 ABSTRACT 8538: Prognostic role of preoperative chemosensitivity in patients with non-small cell lung cancer (NSCLC) treated with preoperative chemotherapy: A study of National Cancer Database (NCDB).
First Author: Lei Deng, MD
- Board 166 ABSTRACT 8539: Racial disparities in receipt of curative surgery for early-stage non-small cell lung cancer in Florida.
First Author: Qinran Liu, MPH
- Board 167 ABSTRACT 8540: Minimal residual disease (MRD) detection by ctDNA in relation to radiographic disease progression in patients with stage I-III non-small cell lung cancer (NSCLC) treated with definitive radiation therapy.
First Author: Emily S. Lebow, MD
- Board 168 ABSTRACT 8541: Durvalumab (durva) after chemoradiotherapy (CRT) in unresectable, stage III, EGFR mutation-positive (EGFRm) NSCLC: A post hoc subgroup analysis from PACIFIC.
First Author: Jarushka Naidoo, MHS, MBBCh
- Board 169 ABSTRACT 8542: Multimodal prediction of response to neoadjuvant nivolumab and chemotherapy for surgically resectable stage IIIA non-small cell lung cancer.
First Author: Loïc Ferrer, PhD
- Board 170 ABSTRACT 8543: Identifying biomarkers associated with disease-free survival in stage I non-small cell lung cancer.
First Author: Christopher W. Seder, MD
- Board 171 ABSTRACT 8544: Multi-omic and spatial dissection of immunotherapy response groups in non-small cell lung cancer (NSCLC).
First Author: Kenneth John O'Byrne, MD, PhD
- Board 172 ABSTRACT 8545: Association of the KRAS genotype and clinicopathologic findings of resected non-small cell lung cancer.
First Author: Yuko Oya, MD, PhD
- Board 173 ABSTRACT 8546: Molecular characteristics of ERBB2-activating mutations in Chinese patients with NSCLC.
First Author: Fan Xu
- Board 174 ABSTRACT 8547: Dynamic monitoring circulating tumor DNA in plasma samples by PEAC technology for patients with early-stage non-small cell lung cancer after surgery.
First Author: Ning Li
- Board 175 ABSTRACT 8548: Optimization of treatment options for EGFR-mutant, stage III, unresectable NSCLC: A systematic review and meta-analysis.
First Author: Lian Liu, MD, PhD
- Board 176 ABSTRACT 8549: The use of artificial intelligence with uncertainty estimation to predict lung cancer relapse from histopathology.
First Author: James M. Dolezal, MD
- Board 177 ABSTRACT 8550: Effect of durvalumab in patients with unresectable stage 3 non-small cell lung cancer post-chemoradiotherapy.
First Author: Aswani Thurlapati, MD
- Board 178 ABSTRACT 8551: Equity for under-served populations in lung cancer screening and treatment: Does mobile low-dose CT scanning lead to stage shift and diagnosis with potential cures at 4 years of follow-up?
First Author: Derek Raghavan, MD, PhD, FACP, FASCO
- Board 179 ABSTRACT 8552: Epidemiology and clinical impact of EGFR mutation in patients with lung cancer after radical surgical treatment.
First Author: Maciej Bryl, MD, PhD
- Board 180 ABSTRACT 8553: Lung cancer risk in persons enrolled in low-dose CT screening (LDCT) versus incidental lung nodule programs (ILNP).
First Author: Wei Liao, PhD, MS
- Board 181 ABSTRACT 8554: Treatment interruptions and discontinuations among patients with stage III unresectable non-small cell lung cancer treated with durvalumab at the Veterans Health Administration.
First Author: Munaf Alkadimi, MD
- Board 182 ABSTRACT 8555: Texture-based CT radiomics distinguishes radiation and immunotherapy induced pneumonitis in stage III NSCLC.
First Author: Lukas Delasos, DO
- Board 183 ABSTRACT 8556: Durvalumab treatment initiation delays in patients with unresectable stage III non-small cell lung cancer treated at Veterans Health Administration facilities.
First Author: Paromita Datta, MD
- Board 184 ABSTRACT 8557: Clinical activity of pembrolizumab monotherapy in diffuse malignant peritoneal mesothelioma.
First Author: Xiao Wang, MD
- Board 185 ABSTRACT 8558: Positive impact of academic center care on overall survival in malignant pleural mesothelioma (MPM): A National Cancer Database (NCDB) socioeconomic factor analysis.
First Author: Logan Roof, MD
- Board 186 ABSTRACT 8559: Phase I clinical safety and preliminary efficacy of PD-1-mesoCAR-T cells in the treatment of malignant pleural/peritoneal mesothelioma.
First Author: Qing Xu, MD, PhD
- Board 187 ABSTRACT 8560: Atezolizumab and bevacizumab in patients with relapsed mesothelioma: MIST4—a phase IIa trial with cellular and molecular correlates of efficacy.
First Author: Dean Anthony Fennell, PhD, FRCP
- Board 188 ABSTRACT 8561: Final survival outcomes and immune biomarker analysis of a randomized, open-label, phase I/II study combining oncolytic adenovirus ONCOS-102 with pemetrexed/cisplatin (P/C) in patients with unresectable malignant pleural mesothelioma (MPM).
First Author: Santiago Ponce, MD
- Board 189 ABSTRACT 8562: PD-L1, VISTA, and CD47 expression and prognosis impact in malignant pleural mesothelioma.
First Author: Mercedes Herrera, MD
- Board 190 ABSTRACT 8563: Safety and efficacy of SHR-1316 combined with chemotherapy and sequential chest radiotherapy as first-line therapy for extensive-stage small cell lung cancer (ES-SCLC): The results from a phase II single-arm trial.
First Author: Dawei Chen, MD
- Board 191 ABSTRACT 8564: Preliminary safety and efficacy of camrelizumab plus nab-paclitaxel and carboplatin as frontline setting in extensive-stage small cell lung cancer (ES-SCLC) from a phase II trial.
First Author: Shengxiang Ren, PhD
- Board 192 ABSTRACT 8565: Phase I/II investigator-initiated study of olaparib and temozolomide in SCLC: Updated analysis and CNS outcomes.
First Author: Catherine Belle Meador, MD, PhD
- Board 193 ABSTRACT 8566: Interim results of an ongoing phase 1/2a study of HPN328, a tri-specific, half-life extended, DLL3-targeting, T-cell engager, in patients with small cell lung cancer and other neuroendocrine cancers.
First Author: Melissa Lynne Johnson, MD

- Board 194 ABSTRACT 8567: Impact of underrepresented populations on clinical outcomes of chemo-immunotherapy for extensive-stage small cell lung cancer: Real-world prospective cohort study.
First Author: Motohiro Tamiya, MD
- Board 195 ABSTRACT 8568: Impact of trilaciclib on multilineage chemotherapy-induced myelosuppression events in patients with extensive-stage small cell lung cancer: Post-hoc analyses of data from randomized clinical trials.
First Author: Jerome H. Goldschmidt, MD
- Board 196 ABSTRACT 8569: Exploratory analysis using cfDNA-based fragmentomics to predict disease recurrence in limited disease small cell lung cancer.
First Author: Sehhoon Park, MD
- Board 197 ABSTRACT 8570: Stereotactic radiosurgery (SRS) versus whole brain radiation therapy (WBRT) in patients with small cell lung cancer (SCLC) and intracranial metastatic disease (IMD): A systematic review and meta-analysis.
First Author: Karolina Gaebe, BMath
- Board 198 ABSTRACT 8571: Adverse events self-reported by patients (pts) with extensive-stage small cell lung cancer (ES-SCLC) treated with durvalumab (D) plus platinum-etoposide (EP) or EP in the CASPIAN study.
First Author: Mustafa Özgüroğlu, MD
- Board 199 ABSTRACT 8572: The efficacy and safety of talrectinib in patients with TKI-naïve or crizotinib-pretreated ROS1-positive non-small cell lung cancer (NSCLC).
First Author: Wei Li
- Board 200 ABSTRACT 8573: Efficacy and safety of camrelizumab combined with chemotherapy (irinotecan combined with platinum) followed by camrelizumab combined with apatinib in the first-line treatment of advanced small cell lung cancer: A phase II study.
First Author: Jun Ni
- Board 201 ABSTRACT 8574: Total metabolic tumor volume on 18F-fluorodeoxyglucose-positron emission tomography ([18F]-FDG-PET) scan: A potential prognostic factor in extensive-stage small cell lung cancer.
First Author: Elisa Andrini
- Board 202 ABSTRACT 8576: Nab-PTX and nab-PTX combined with immune checkpoint inhibitors for relapsed small cell lung cancer.
First Author: Rui Wan, MD
- Board 203 ABSTRACT 8577: Genomic analysis and prediction of therapeutic vulnerabilities of small cell lung cancer from rovalpituzumab tesirine phase III trial (MERU).
First Author: Weilong Zhao
- Board 204 ABSTRACT 8578: The predictive value of YAP-1 for efficacy of immunotherapy among patients with ES-SCLC.
First Author: Yuqing Chen
- Board 205 ABSTRACT 8579: A phase I study of anlotinib with concurrent chemoradiotherapy for limited-stage small cell lung cancer.
First Author: Dingzhi Huang
- Board 206 ABSTRACT 8580: Efficacy and safety of lurbinectedin as second-line therapy in Chinese patients with small cell lung cancer: Preliminary results of a phase 1 study.
First Author: Ying Cheng, MD
- Board 207 ABSTRACT 8581: A phase 1/2 trial of lurbinectedin (L) in combination with pembrolizumab (P) in relapsed small cell lung cancer (SCLC): The LUPER study.
First Author: Antonio Calles, MD, MSc
- Board 208 ABSTRACT 8582: Circulating tumor DNA (ctDNA) mutations associate with response in patients (pts) with extensive-stage small cell lung cancer (ES-SCLC) treated with talazoparib (TALA) and temozolomide (TMZ).
First Author: Maria A. Velez, MD
- Board 209 ABSTRACT 8583: A pilot study of ipilimumab and nivolumab in recurrent extensive-stage small cell lung cancer after platinum-based chemotherapy.
First Author: Anne C. Chiang, MD, PhD, FASCO
- Board 210 ABSTRACT 8584: Trends in treatment patterns associated with small cell lung cancer in a U.S. Medicare population.
First Author: Robert A. Ramirez, DO, FACP
- Board 211 ABSTRACT 8585: Lenvatinib for the treatment of thymic epithelial tumors (TETs): A real-life multicenter experience.
First Author: Jose Carlos Benitez, MD, MSc
- Board 212 ABSTRACT 8586: CD47 expression patterns in thymic epithelial tumors.
First Author: Thomas Yang Sun, MD, MHS
- Board 213 ABSTRACT 8587: Genomic characterization of thymic epithelial tumor from real-world data.
First Author: Kana Kurokawa, MD
- Board 214 ABSTRACT 8588: Impaired seroconversion after SARS-COV-2 mRNA vaccine in patients with thymic epithelial tumors.
First Author: Erica Pietroluongo
- Board 215 ABSTRACT 8589: Immunological signature of patients with thymic epithelial tumors.
First Author: Rocco Morra
- Board 216a ABSTRACT TPS8590: Neoadjuvant and adjuvant capmatinib in resectable non-small cell lung cancer with MET exon 14 skipping mutation or high MET amplification: GEOMETRY-N trial.
First Author: Jay M. Lee, MD
- Board 216b ABSTRACT TPS8591: Phase III study with atezolizumab versus placebo in patients with malignant pleural mesothelioma after pleurectomy/decortication (AtezoMeso study).
First Author: Maria Pagano, MD
- Board 217a ABSTRACT TPS8592: Assessing the predictive value of ctDNA on relapse in patients with resected stage IB-IIIa NSCLC treated with adjuvant chemotherapy plus concomitant atezolizumab followed by atezolizumab: BTCRC LUN 19-396.
First Author: Fatemeh Ardeshtir-Larijani, MD
- Board 217b ABSTRACT TPS8593: A phase 1/2 study of REGN5093-M114, a METxMET antibody-drug conjugate, in patients with mesenchymal epithelial transition factor (MET)-overexpressing NSCLC.
First Author: Alexander E. Drilon, MD
- Board 218a ABSTRACT TPS8594: LIBRETTO-001 cohort 7: A single-arm, phase 2 study of neoadjuvant selpercatinib in patients with resectable stage IB-IIIa RET fusion-positive NSCLC.
First Author: Ravi Rajaram, MD, MSc
- Board 218b ABSTRACT TPS8595: A first-in-human phase 1 study of the next-generation RET inhibitor, LOXO-260, in RET inhibitor refractory patients with RET-altered cancers (trial in progress).
First Author: Nathan A. Pennell, MD, PhD, FASCO
- Board 219a ABSTRACT TPS8596: LCMC LEADER neoadjuvant screening trial: LCMC4 evaluation of actionable drivers in early-stage lung cancers.
First Author: Boris Sepesi, MD
- Board 219b ABSTRACT TPS8597: Phase 3, randomized, placebo-controlled study of stereotactic body radiotherapy (SBRT) with or without pembrolizumab in patients with unresected stage I or II non-small cell lung cancer (NSCLC): KEYNOTE-867.
First Author: Salma K. Jabbour, MD
- Board 220a ABSTRACT TPS8598: Phase 2 randomized trial of neoadjuvant or palliative chemotherapy with or without immunotherapy for peritoneal mesothelioma (Alliance A092001).
First Author: Aaron Scott Mansfield, MD
- Board 220b ABSTRACT TPS8599: DREAM3R: Durvalumab with chemotherapy as first-line treatment in advanced pleural mesothelioma—A phase 3 randomized trial.
First Author: Patrick M. Forde, MD
- Board 221a ABSTRACT TPS8600: An open-label, multicenter, phase 2 study of the safety and efficacy of navtemadlin (KRT-232) in patients with TP53 wild-type relapsed/refractory small cell lung cancer.
First Author: Afshin Dowlati, MD
- Board 221b ABSTRACT TPS8601: TRUST-II: A global phase II study for talrectinib in ROS1 fusion-positive lung cancer and other solid tumors.
First Author: Misako Nagasaka, MD, PhD
- Board 222a ABSTRACT TPS8603: Phase 2 study of tarlatamab, a DLL3-targeting, half life-extended, bispecific T-cell engager (HLE BiTE) immuno-oncology therapy, in relapsed/refractory small cell lung cancer (SCLC).
First Author: Suresh S. Ramalingam, MD, FACP, FASCO
- Board 222b ABSTRACT TPS8604: MC1923 phase II clinical trial of durvalumab (MEDI4736) and topotecan or lurbinectedin in patients with relapsed extensive-stage small cell lung cancer previously treated with chemotherapy and immunotherapy.
First Author: Konstantinos Leventakos, MD, PhD
- Board 223a ABSTRACT TPS8606: KeyVibe-008: Randomized, phase 3 study of first-line vibostolimab plus pembrolizumab plus etoposide/platinum versus atezolizumab plus EP in extensive-stage small cell lung cancer.
First Author: Jacob Sands, MD
- Board 223b ABSTRACT TPS8607: Phase II study of KN046 in patients with thymic carcinoma who failed immune checkpoint inhibitors.
First Author: Barbara Ting-wen Ma, MD, MS

Monday, June 6

8:00 AM - 11:00 AM | Hall A

Lung Cancer—Non-Small Cell Metastatic

Abstracts on Boards 1-12 will be discussed during the Lung Cancer—Non-Small Cell Metastatic Poster Discussion Session.

Posters by Topic

Biologic Correlates: Boards 23-24, 33-36, 51, 70, 73, 94, 99, 109

Metastatic Non-Small Cell Lung Cancer: Boards 1-22, 25-32, 35, 37-50, 52-69, 71-72, 74-93, 95-98, 100-108, 110-122

Trials in Progress: Boards 123a-134b

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| Board 1 | ABSTRACT 9013: Phase 1/1b study of telisotuzumab vedotin (Teliso-V) + osimertinib (Osi), after failure on prior Osi, in patients with advanced, c-Met overexpressing, EGFR-mutated non-small cell lung cancer (NSCLC).
First Author: Jonathan W. Goldman, MD |
| Board 2 | ABSTRACT 9014: Osimertinib plus necitumumab in EGFR-mutant NSCLC: Final results from an ETCTN California Cancer Consortium phase I study.
First Author: Jonathan W. Riess, MD, MS |
| Board 3 | ABSTRACT 9015: Antitumor activity of sunvozertinib in NSCLC patients with EGFR Exon20 insertion mutations after platinum and anti-PD(L)1 treatment failures.
First Author: Pasi A. Janne, MD, PhD |
| Board 4 | ABSTRACT 9016: Telisotuzumab vedotin (Teliso-V) monotherapy in patients (pts) with previously treated c-Met–overexpressing (OE) advanced non-small cell lung cancer (NSCLC).
First Author: D. Ross Camidge, MD, PhD |
| Board 5 | ABSTRACT 9017: Efficacy and safety of patritumab deruxtecan (HER3-DXd) in advanced/metastatic non-small cell lung cancer (NSCLC) without EGFR-activating mutations.
First Author: Conor Ernst Steuer, MD |
| Board 6 | ABSTRACT 9018: Phase I trial of the RAF/MEK clamp VS-6766 in combination with everolimus using an intermittent schedule with expansion in NSCLC across multiple KRAS variants.
First Author: Anna Rachel Minchom, BCh, MB, MD, MRCP |
| Board 7 | ABSTRACT 9019: A phase II study of AK112 (PD-1/VEGF bispecific) in combination with chemotherapy in patients with advanced non-small cell lung cancer.
First Author: Yuangyuan Zhao, MD |
| Board 8 | ABSTRACT 9020: Phase 1/2a trial of nadunolimab, a first-in-class fully humanized monoclonal antibody against IL1RAP, in combination with cisplatin and gemcitabine (CG) in patients with non-small cell lung cancer (NSCLC).
First Author: Astrid Paulus |
| Board 9 | ABSTRACT 9021: Genomic correlates of acquired resistance to PD-(L)1 blockade in patients with advanced non-small cell lung cancer (NSCLC).
First Author: Biagio Ricciuti, MD |
| Board 10 | ABSTRACT 9022: Association of comprehensive molecular genotyping and overall survival in patients with advanced non-squamous non-small cell lung cancer.
First Author: Charu Aggarwal, MD, MPH |
| Board 11 | ABSTRACT LBA9023: Efficacy/safety of entrectinib in patients (pts) with ROS1-positive (ROS1+) advanced/metastatic NSCLC from the Blood First Assay Screening Trial (BFAST).
First Author: Solange Peters, MD, PhD |
| Board 12 | ABSTRACT 9024: Updated efficacy and safety of larotrectinib in patients with tropomyosin receptor kinase (TRK) fusion lung cancer.
First Author: Alexander E. Drilon, MD |
| Board 13 | ABSTRACT LBA9025: Five-year survival outcomes with nivolumab (NIVO) plus ipilimumab (IPI) versus chemotherapy (chemo) as first-line (1L) treatment for metastatic non–small cell lung cancer (NSCLC): Results from CheckMate 227.
First Author: Julie R. Brahmer, MD, FASCO |
| Board 14 | ABSTRACT LBA9026: First-line (1L) nivolumab (NIVO) + ipilimumab (IPI) + 2 cycles of chemotherapy (chemo) versus chemo alone (4 cycles) in patients (pts) with metastatic non–small cell lung cancer (NSCLC): 3-year update from CheckMate 9LA.
First Author: Luis G. Paz-Ares, MD, PhD |
| Board 15 | ABSTRACT 9027: A protocol pre-specified interim overall survival (OS) analysis of GEMSTONE-302: A phase 3 study of sugemalimab (suge) versus placebo plus platinum-based chemotherapy (chemo) as first-line (1L) treatment for patients (pts) with metastatic non–small cell lung cancer (NSCLC).
First Author: Caicun Zhou, MD, PhD, ABFT |

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| Board 16 | ABSTRACT 9028: Final progression-free survival, interim overall survival, and biomarker analyses of CHOICE-01: A phase 3 study of toripalimab versus placebo in combination with first-line chemotherapy for advanced NSCLC without EGFR/ALK mutations.
First Author: Jie Wang, MD |
| Board 17 | ABSTRACT 9029: Association of progression-free survival and overall response rate with overall survival in first-line randomized trials of immune checkpoint inhibitor–based regimens for metastatic non–small cell lung cancer (NSCLC): An FDA pooled analysis.
First Author: Bernardo Haddock Lobo Goulart, MD, MS |
| Board 18 | ABSTRACT 9030: A randomized phase II/ III trial of nivolumab versus nivolumab plus docetaxel for previously treated advanced or recurrent non–small cell lung cancer: TORG1630.
First Author: Yosuke Kawashima, MD |
| Board 19 | ABSTRACT 9031: Three days of CIV rh-Endostatin in combination with PD-1 antibody plus chemotherapy as first-line regimen for EGFR/ALK-negative, advanced or metastatic, non-squamous non–small cell lung cancer (NSCLC): A open label, multicenter, phase II and cohort study (ENPOWER).
First Author: Dong Wang, MD, PhD |
| Board 20 | ABSTRACT 9032: Sintilimab versus pembrolizumab in monotherapy or combination with chemotherapy as first-line therapy for advanced non–small cell lung cancer: Results from phase 2, randomized clinical trial (CTONG1901).
First Author: Si-Yang Maggie Liu |
| Board 21 | ABSTRACT 9033: PEOPLE (NTC03447678), a phase II trial of first-line, single-agent pembrolizumab in advanced NSCLC with low PD-L1: Clinical outcomes and association with circulating immune biomarkers.
First Author: Giuseppe Lo Russo, MD, PhD |
| Board 22 | ABSTRACT 9034: Platinum-free chemotherapy in the new era of immunotherapy: A phase II study of camrelizumab combined with apatinib and albumin paclitaxel in advanced non-squamous NSCLC (CAPAP-lung).
First Author: Lin Wu, MD |
| Board 23 | ABSTRACT 9035: Durvalumab (D) +/- tremelimumab (T) + chemotherapy (CT) in first-line (1L) metastatic (m) NSCLC: AE management in POSEIDON.
First Author: Byoung Chul Cho, MD, PhD |
| Board 24 | ABSTRACT 9036: Association between immune-related adverse events and microbiome composition in patients with advanced non–small cell lung cancer treated with immunotherapy.
First Author: Marion Tonneau |
| Board 25 | ABSTRACT 9037: First report of safety/tolerability and preliminary antitumor activity of CAN-2409 in inadequate responders to immune checkpoint inhibitors for stage III/IV NSCLC.
First Author: Charu Aggarwal, MD, MPH |
| Board 26 | ABSTRACT 9038: A phase 2 study of an off-the-shelf, multi-neoantigen vector (ADXS-503) in patients with metastatic non–small cell lung cancer either progressing on prior pembrolizumab or in the first-line setting.
First Author: Gregory James Gerstner, MD |
| Board 27 | ABSTRACT 9039: Safety and efficacy of tusamitamab ravtansine (SAR408701) in long-term treated patients with nonsquamous non–small cell lung cancer (NSQ NSCLC) expressing carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5).
First Author: Charles Ricordel, MD |
| Board 28 | ABSTRACT 9040: A phase Ib/II study of AK112, a PD-1/VEGF bispecific antibody, as first- or second-line therapy for advanced non–small cell lung cancer (NSCLC).
First Author: Caicun Zhou, MD, PhD, ABFT |
| Board 29 | ABSTRACT 9041: Clinical efficacy and safety of the BAT1706 (proposed bevacizumab biosimilar) compared with reference bevacizumab in patients with advanced nonsquamous NSCLC: A randomized, double-blind, phase III study.
First Author: Likun Chen |
| Board 30 | ABSTRACT 9042: Immunogenicity and disease control induced by a multineoantigen vaccine (ADXS-503) in patients with metastatic non–small cell lung cancer who have progressed on pembrolizumab.
First Author: Aaron E. Lisberg, MD |
| Board 31 | ABSTRACT 9043: Three-year outcomes and correlative analyses in patients with non–small cell lung cancer (NSCLC) and a very high PD-L1 tumor proportion score (TPS) ≥ 90% treated with first-line pembrolizumab.
First Author: Biagio Ricciuti, MD |

- Board 32 ABSTRACT 9044: Dynamic changes in serum analyte levels associated with clinical outcome in squamous cell lung cancer trial SWOG Lung-MAP S1400I of nivolumab ± ipilimumab.
First Author: Edgar Gonzalez-Kozlova
- Board 33 ABSTRACT 9045: CtDNA shed as a tool to select immune checkpoint inhibitors (ICPI) with or without chemotherapy for patients (pts) with advanced non-small cell lung cancer (aNSCLC).
First Author: Benjamin Besse, MD, PhD
- Board 34 ABSTRACT 9046: Multiomics profiling and association with molecular and immune features in association with benefits from immunotherapy for patients with previously treated stage IV or recurrent squamous cell lung cancer from the phase III SWOG LungMAP S1400I trial.
First Author: Edwin R. Parra, MD, PhD
- Board 35 ABSTRACT 9047: Identifying prognostic and predictive value of mutations associated with clinical outcomes in first line (1L) patients with advanced or metastatic non-small cell lung cancer (aNSCLC).
First Author: Diego Perez Parente, PhD
- Board 36 ABSTRACT 9048: Clinical and genomic characteristics of pts with durable benefit from immune checkpoint inhibitors (ICI) in advanced non-small cell lung cancer (aNSCLC).
First Author: Jacob Sands, MD
- Board 37 ABSTRACT 9049: Clinical outcome and potential benefits of post-progression immunotherapy for patients with metastatic NSCLC with primary resistance to ipilimumab and nivolumab in the LONESTAR phase III study.
First Author: Mehmet Altan, MD
- Board 38 ABSTRACT 9050: Association between lung immune prognostic index, microbiome, and immunotherapy outcomes in non-small cell lung cancer.
First Author: Edouard Auclin, MD, PhD
- Board 39 ABSTRACT 9051: PEOPLE (NTC03447678), a phase II trial to test pembrolizumab as first-line treatment in patients with advanced NSCLC with PD-L1 < 50%: A multiomics approach.
First Author: Marina Chiara Garassino, MD
- Board 40 ABSTRACT 9052: Outcomes of single-agent PD-(L)-1 versus combination with chemotherapy in patients with PD-L1-high (≥ 50%) lung cancer.
First Author: Arielle Elrief, MD
- Board 41 ABSTRACT 9053: Impact of performance status on survival outcomes and health care utilization in patients with advanced non-small cell lung cancer treated with immune checkpoint inhibitors.
First Author: Daniel E. Meyers, MD, MSc
- Board 42 ABSTRACT 9054: Immunophenotypic correlates and response to first-line pembrolizumab among elderly patients with PD-L1-high (≥ 50%) non-small cell lung cancer.
First Author: Adriana Paula de Castro Barrichello, MD
- Board 43 ABSTRACT 9055: Real-world effectiveness of immune checkpoint inhibitors alone or in combination with chemotherapy in metastatic non-small cell lung cancer.
First Author: Lingzhi Hong, MD
- Board 44 ABSTRACT 9056: Differential prognostic effect of systemic inflammation in patients with NSCLC treated with immunotherapy or chemotherapy: A post hoc analysis of the phase III OAK trial.
First Author: Alessio Cortellini, MD
- Board 45 ABSTRACT 9057: Immunotherapy and chemo-immunotherapy for non-small cell lung cancer with novel actionable oncogenic driver alterations.
First Author: Laura Mazzeo, MD
- Board 46 ABSTRACT 9058: Nivolumab timing as a major survival predictor in patients with stage IV non-small cell lung cancer.
First Author: Abdoulaye Karaboué, MD
- Board 47 ABSTRACT 9059: Impact of STK11 copy loss on clinical outcomes to PD-(L)1 blockade in non-small cell lung cancer.
First Author: Catherine Gutierrez, PhD
- Board 48 ABSTRACT 9060: A phase II study of talazoparib plus avelumab in patients with stage IV or recurrent nonsquamous non-small cell lung cancer bearing pathogenic STK11 genomic alterations (SWOG S1900C, LUNG-MAP sub-study, NCT04173507).
First Author: Ferdinandos Skoulidis, MD, PhD
- Board 49 ABSTRACT 9061: Deep learning signature from chest CT and association with immunotherapy outcomes in EGFR/ALK-negative NSCLC.
First Author: Maliazurina B. Saad, PhD
- Board 50 ABSTRACT 9062: 18F-FDG PET-derived parameter total lesion glycolysis (TLG) as a tool to stratify patients (pts) with advanced non-small cell lung cancer (aNSCLC) treated with immunotherapy.
First Author: Filippo Gustavo Dall'Olio, MD
- Board 51 ABSTRACT 9063: Association of early tumor growth rate and survival outcomes in first-line metastatic non-small cell lung cancer (mNSCLC).
First Author: Antonio Tito Fojo, MD, PhD
- Board 52 ABSTRACT 9064: Multimodal integration of radiology, pathology, and genomics for prediction of response to PD-1 blockade in patients with non-small cell lung cancer.
First Author: Jia Luo, MD
- Board 53 ABSTRACT 9065: Artificial intelligence in digital pathology approach identifies the predictive impact of tertiary lymphoid structures with immune-checkpoints therapy in NSCLC.
First Author: Mehrdad Rakaee, PhD
- Board 54 ABSTRACT 9066: Digital quantification of lymphocytic infiltration on routine H&E images and immunotherapy response in non-small cell lung cancer.
First Author: Mehrdad Rakaee, PhD
- Board 55 ABSTRACT 9067: Effect of bone metastasis on outcomes in the CCTG BR.34 phase II randomized trial of dual immune checkpoint inhibitor (ICI) treatment with or without chemotherapy in high-risk, stage IVA/B NSCLC.
First Author: Kim Leitzel, MS
- Board 56 ABSTRACT 9069: Progression-free survival with subsequent anticancer therapies from a phase 3 trial of lorlatinib in treatment-naïve patients (pts) with ALK+ advanced non-small cell lung cancer (NSCLC).
First Author: Benjamin J. Solomon, MBBS, PhD
- Board 57 ABSTRACT 9070: Phase 3 trial of lorlatinib in treatment-naïve patients (Pts) with ALK-positive advanced non-small cell lung cancer (NSCLC): Comprehensive plasma and tumor genomic analyses.
First Author: Alessandra Bearz, MD
- Board 58 ABSTRACT 9071: First-in-human phase I results of APG-2449, a novel FAK and third-generation ALK/ ROS1 tyrosine kinase inhibitor (TKI), in patients (pts) with second-generation TKI-resistant ALK/ROS1+ non-small cell lung cancer (NSCLC) or mesothelioma.
First Author: Hongyun Zhao, PhD
- Board 59 ABSTRACT 9072: Association of depth of target lesion response to brigatinib with outcomes in patients with ALK inhibitor-naïve ALK+ NSCLC in ALTA-1L.
First Author: D. Ross Camidge, MD, PhD
- Board 60 ABSTRACT 9073: A phase II trial of ALK/ROS1 tyrosine kinase inhibitor WX-0593 (iruplinalkib) in ALK-positive and crizotinib-resistant advanced non-small cell lung cancer.
First Author: Yuankai Shi, MD, PhD
- Board 61 ABSTRACT 9074: A phase II study of alectinib in combination with bevacizumab as first-line treatment in advanced NSCLC with confirmed ALK fusion: ALEK-B trial.
First Author: Oscar Gerardo Arrieta, MD
- Board 62 ABSTRACT 9075: Brigatinib in Japanese patients (pts) with ALK+ NSCLC: Final results from the phase 2 J-ALTA trial.
First Author: Pingkuan Zhang, MD
- Board 63 ABSTRACT 9076: SAF-189s in advanced, ALK-positive, non-small cell lung cancer: Results from a first-in-human phase 1/2, multicenter study.
First Author: Jin-Ji Yang, MD
- Board 64 ABSTRACT 9077: Treatment patterns and outcomes in ALK or ROS1 altered NSCLC: An ATOMIC Registry Study.
First Author: Melina Elpi Marmarelis, MD
- Board 65 ABSTRACT 9078: Crizotinib in ROS1-rearranged lung cancer (EUCROSS): Updated overall survival.
First Author: Sebastian Yves Friedrich Michels, MD
- Board 66 ABSTRACT 9079: Use of RET inhibitors among patients with advanced NSCLC: A real-world evidence analysis.
First Author: Shaheenah S. Dawood, PhD, FACP, FRCP
- Board 67 ABSTRACT 9080: Chylothorax and chylous ascites during RET tyrosine kinase inhibitor therapy.
First Author: Or Kalchiem-Dekel
- Board 68 ABSTRACT 9081: Phase 1 dose escalation and expansion study of bemcentinib (BGB324), a first-in-class, selective AXL inhibitor, with docetaxel in patients with previously treated advanced NSCLC.
First Author: Sheena Bhalla, MD
- Board 69 ABSTRACT 9082: Efficacy of dabrafenib-trametinib combination in BRAF V600E-mutated metastatic non-small cell lung cancer: Results of the IFCT-2004 BLaDE cohort.
First Author: Aurélie Swalduz, MD
- Board 70 ABSTRACT 9083: BRAF mutation classes and co-occurring mutations in NSCLC.
First Author: Jiaxin Niu, MD, PhD

- Board 71 ABSTRACT 9084: Clinicopathologic and mutational landscape of BRAF^{V600E}-mutant non-small cell lung carcinoma.
First Author: Jane Sze Yin Sui
- Board 72 ABSTRACT 9085: A first-in-human, phase 1 study of ASTX029, a dual-mechanism inhibitor of ERK1/2, in relapsed/refractory solid tumors.
First Author: Patricia LoRusso, DO, PhD, FASCO
- Board 73 ABSTRACT 9086: Molecular characterization of NF1-mutated NSCLC and clinical outcomes.
First Author: Christopher Gates, MD
- Board 74 ABSTRACT 9087: A multicenter real-world study of tumor-derived DNA from cerebrospinal fluid in genomic profiling of NSCLC with central nervous system metastases.
First Author: Yongping Mu
- Board 75 ABSTRACT 9088: Evaluation of weight gain and overall survival of patients with advanced non-small cell lung cancer (NSCLC) treated with first-line platinum-based chemotherapy.
First Author: Eric Roeland, MD
- Board 76 ABSTRACT 9089: Nedaplatin plus pemetrexed or cisplatin plus pemetrexed as first-line chemotherapy for EGFR/ALK-negative advanced lung adenocarcinoma (NACA): A multicenter, open-label, non-inferiority, randomized, phase III trial.
First Author: Xue Hou
- Board 77 ABSTRACT 9090: Subgroup analysis in patients (pts) with non-squamous (N-Sq), EGFR-wild type (wt), second/third-line NSCLC from the global phase (Ph) 3 trial DUBLIN-3 (BPI-2358-103) with the plinabulin/docetaxel (Plin/Doc) combination versus Doc alone.
First Author: Baohui Han, MD
- Board 78 ABSTRACT 9091: DUBLIN-3 results on quality of life (QoL) in second/third-line EGFR-wild type NSCLC patients (pts) receiving docetaxel (Doc) with or without plinabulin (Plin) using the validated EORTC QLQ C30 and QLQ LC13 questionnaires.
First Author: Trevor Feinstein, MD
- Board 79 ABSTRACT 9092: Effect of performance status (ECOG PS) on treatment outcome with second-line (2L) nintedanib (NIN) + docetaxel (DOC) for patients (pts) with lung adenocarcinoma after first-line (1L) immune checkpoint inhibitor (ICI) combination therapy.
First Author: Christian Grohé
- Board 80 ABSTRACT 9093: Capecitabine in pretreated metastatic pulmonary lymphoepithelioma-like carcinoma: A retrospective study.
First Author: Gavin Tin Chun Cheung, FRCR
- Board 81 ABSTRACT 9094: Quality of life (QoL) of OSE2101 in patients with HLA-A2+ non-small cell lung cancer (NSCLC) after failure to immune checkpoint inhibitors (IO): Final data of phase 3 Atalante-1 randomized trial.
First Author: Benjamin Besse, MD, PhD
- Board 82 ABSTRACT 9095: Gefitinib plus chemotherapy versus gefitinib alone in untreated patients with EGFR-mutated non-small cell lung cancer and brain metastases (GAP Brain): An open-label, randomized, multicenter, phase 3 study.
First Author: Likun Chen
- Board 83 ABSTRACT 9096: Aumolertinib activity in patients with CNS metastases and EGFR-mutated NSCLC treated in the randomized double-blind phase III trial (AENEAS).
First Author: Shun Lu, MD, PhD
- Board 84 ABSTRACT 9097: A phase II study of osimertinib in combination with platinum plus pemetrexed in patients with EGFR-mutated, advanced non-small cell lung cancer: The OPAL study (NEJ032C/LOGIK1801).
First Author: Atsushi Nakamura, MD, PhD
- Board 85 ABSTRACT 9098: Efficacy and safety of rezivertinib (BPI-7711) in patients with locally advanced or metastatic/recurrent EGFR T790M-mutated NSCLC: A phase IIb, multicenter, single-arm, open-label study.
First Author: Shiman Wu
- Board 86 ABSTRACT 9099: Mobocertinib (TAK-788) in EGFR exon 20 insertion (ex20ins)+ metastatic non-small cell lung cancer (mNSCLC): Treatment (tx) beyond progressive disease (PD) in platinum-pretreated patients (pts) with and without intracranial PD.
First Author: Pasi A. Janne, MD, PhD
- Board 87 ABSTRACT 9100: Identification of pretreatment genomic biomarkers and mechanisms of acquired resistance to first-line osimertinib in advanced EGFR-mutant lung cancers.
First Author: Noura J. Choudhury, MD
- Board 88 ABSTRACT 9101: Central nervous system efficacy of furmonertinib versus gefitinib in patients with non-small cell lung cancer with epidermal growth factor receptor mutations: Results from FURLONG study.
First Author: Gongyan Chen, MD, PhD
- Board 89 ABSTRACT 9102: Mefatinib as first-line treatment of patients with advanced non-small cell lung cancer harboring rare EGFR mutations.
First Author: Pingli Wang, MD
- Board 90 ABSTRACT 9103: Co-occurring gene alterations associated with efficacy of osimertinib in EGFR-mutated lung cancer: Based on a large-scale genomic screening project (LC-SCRUM-Asia).
First Author: Yuji Shibata, MD, PhD
- Board 91 ABSTRACT 9105: Results of a phase 1b study of osimertinib plus sapanisertib or alisertib for osimertinib-resistant, EGFR-mutant non-small cell lung cancer (NSCLC).
First Author: Yasir Y. Elamin, MD
- Board 92 ABSTRACT 9106: Efficacy and safety of ASK120067 (limertinib) in patients with locally advanced or metastatic EGFR T790M-mutated non-small cell lung cancer: A multicenter, single-arm, phase IIb study.
First Author: Baolan Li, MD, PhD
- Board 93 ABSTRACT 9107: A randomized phase II study comparing erlotinib with or without bevacizumab in patients with advanced non-small cell lung cancer (NSCLC) with EGFR mutation.
First Author: Youngjoo Lee, MD
- Board 94 ABSTRACT 9108: Molecular analysis of circulating tumor DNA (ctDNA) in patients (pts) with EGFR exon 20 insertion-positive (ex20ins+) advanced NSCLC treated with mobocertinib.
First Author: Sylvie Vincent, PhD
- Board 95 ABSTRACT 9109: Uncommon EGFR mutations on osimertinib, real-life data (UNICORN study): Updated results, brain efficacy, and resistance mechanisms.
First Author: Jair Bar, MD, PhD
- Board 96 ABSTRACT 9110: NEJ043: A phase 2 study of atezolizumab (atezo) plus bevacizumab (bev) plus carboplatin (carbo) plus paclitaxel (pac; ABCP) for previously treated patients with NSCLC harboring EGFR mutations (EGFRm).
First Author: Naoki Furuya, MD, PhD
- Board 97 ABSTRACT 9111: Final progression-free survival analysis of phase II study with the combination therapy of DFP-14323, protease inhibitor, and low-dose afatinib as first-line therapy for common EGFR mutation-positive NSCLC.
First Author: Hiroshige Yoshioka, MD, PhD
- Board 98 ABSTRACT 9112: Afatinib (Afa) + bevacizumab (Bev) versus afatinib alone as first-line treatment of patients with EGFR-mutated advanced non-squamous NSCLC: Primary analysis of the multicenter, randomized, phase II study—AfaBev-CS study.
First Author: Nobuhisa Ishikawa, MD, PhD
- Board 99 ABSTRACT 9113: Acquired EGFR-resistant mutations in non-small cell lung cancer (NSCLC).
First Author: Luis E. Raez, MD, FCCP, FACP
- Board 100 ABSTRACT 9114: Improved survival from early combined radiotherapy: A phase II clinical study and underlying mechanisms of delaying EGFR-TKI acquired resistance in patients with advanced lung cancer.
First Author: Li Zhang, MD
- Board 101 ABSTRACT 9115: Matching-adjusted indirect comparison (MAIC) of mobocertinib versus amivantamab in patients with non-small cell lung cancer (NSCLC) with EGFR exon 20 insertions (ex20ins).
First Author: Sai-Hong Ignatius Ou, MD, PhD
- Board 102 ABSTRACT 9116: Updated study results of pelcitoclax (APG-1252) in combination with osimertinib in patients (pts) with EGFR-mutant non-small cell lung cancer (NSCLC).
First Author: Li Zhang, MD
- Board 103 ABSTRACT 9117: Afatinib (AFA) plus bevacizumab (BEV) combination after osimertinib (OSI) resistance in advanced EGFR-mutant NSCLC: A phase II study (ABCD-study).
First Author: Akito Hata, MD
- Board 104 ABSTRACT 9118: Efficacy and safety of capmatinib plus pembrolizumab in treatment (tx)-naïve patients with advanced non-small cell lung cancer (NSCLC) with high tumor PD-L1 expression: Results of a randomized, open-label, multicenter, phase 2 study.
First Author: Tony S. K. Mok, MD, FRCPC, FASCO
- Board 105 ABSTRACT 9119: Analysis of MET exon 14 skipping mutations in non-small cell lung cancer (NSCLC) by histology and specific mutation.
First Author: Jennifer Aline Marks, MD
- Board 106 ABSTRACT 9120: Tepotinib in Asian patients with advanced NSCLC with MET exon 14 (METex14) skipping.
First Author: Terufumi Kato, MD
- Board 107 ABSTRACT 9121: Clinical response to tepotinib according to circulating tumor (ct) DNA biomarkers in patients with advanced NSCLC with high-level MET amplification (METamp) detected by liquid biopsy (LBx).
First Author: Xiuning Le, MD, PhD

- Board 108 ABSTRACT 9122: Characterization of MET exon 14 skipping alterations (METex14) in non-small cell lung cancer (NSCLC) using whole transcriptome sequencing (WTS).
First Author: So Yeon Kim, MD
- Board 109 ABSTRACT 9123: Real-world (rw) analysis of quantitative MET copy number (CN) as a biomarker in NSCLC.
First Author: David Chun Cheong Tsui
- Board 110 ABSTRACT 9124: Activating MET kinase domain mutations define a novel molecular subtype of non-small cell lung cancer that is clinically targetable with the MET inhibitor elzovantinib (TPX-0022).
First Author: Federica Pecci, MD
- Board 111 ABSTRACT 9125: Ancestry-based differences in gene alterations in non-small cell lung cancer: Real-world data using genetic ancestry analysis.
First Author: Keita Miura, MD
- Board 112 ABSTRACT 9126: Clinical and economic outcomes associated with upfront comprehensive genomic profiling in newly diagnosed advanced lung cancer in the United States from 2018-2020: Evidence from the SEQUENCE study.
First Author: Gboyega Adeboyeje, MD, MS, MBA
- Board 113 ABSTRACT 9127: Associations between biomarker testing and characteristics of patients with metastatic non-small cell lung cancer (mNSCLC): An analysis of CancerLinQ Discovery (CLQD) data.
First Author: Kathryn Finch Mileham, MD, FACP
- Board 114 ABSTRACT 9128: Molecular testing and patterns of treatment in patients with NSCLC: An IASLC analysis of ASCO CancerLinQ Discovery Data.
First Author: Madhusmita Behera, PhD
- Board 115 ABSTRACT 9129: Increased adherence to molecular profiling recommendations in non-small cell lung cancer through use of prior authorization and peer review.
First Author: Stephen A. Hamilton, MD
- Board 116 ABSTRACT 9130: Predictors of biomarker testing among patients (pts) with metastatic non-small cell lung cancer (mNSCLC).
First Author: Nicholas J. Robert, MD
- Board 117 ABSTRACT 9131: Impact of cancer susceptibility gene (CSG) mutations in advanced NSCLC (aNSCLC).
First Author: Danielle Klingberg, MBBS
- Board 118 ABSTRACT 9132: Demographic and socioeconomic factors associated with stage at diagnosis in non-small cell lung cancer: An NCDB analysis.
First Author: Kiana Verplancke, BS
- Board 119 ABSTRACT 9133: The 10-year journey of non-small cell lung cancer: A real-world experience.
First Author: Hyun Ae Jung, MD
- Board 120 ABSTRACT 9134: Effectiveness of nationwide insurance coverage for next-generation sequencing in advanced non-small cell lung cancer: A real-world data study.
First Author: Dong-Won Kang
- Board 121 ABSTRACT 9135: Multifocal bronchial neuroendocrine tumor (bNET): A new clinical entity.
First Author: Nirosha D. Perera, MD
- Board 122 ABSTRACT 9136: Patient-derived organoids to predict the drug response in locally advanced or metastatic lung cancer: A real-world study.
First Author: Chan-Yuan Zhang
- Board 123a ABSTRACT TPS9137: Open-label, randomized, multicenter, phase 3 study evaluating trastuzumab deruxtecan (T-DXd) as first-line treatment in patients with unresectable, locally advanced, or metastatic non-small cell lung cancer (NSCLC) harboring HER2 exon 19 or 20 mutations (DESTINY-Lung04).
First Author: Bob T. Li, MD, PhD, MPH
- Board 123b ABSTRACT TPS9138: A phase I/II multisite study of rucaparib and pembrolizumab maintenance therapy in stage IV non-squamous non-small cell lung cancer after initial therapy with carboplatin, pemetrexed, and pembrolizumab.
First Author: Angel Qin, MD
- Board 124a ABSTRACT TPS9139: A phase 1b/2 trial of dupilumab given in conjunction with PD-(L)1 blockade in the treatment of relapsed/refractory metastatic NSCLC.
First Author: Bailey Gleason Fitzgerald, MD
- Board 124b ABSTRACT TPS9140: Combi-TED: A multicenter, phase II, open-label, randomized trial evaluating efficacy of OSE2101 plus docetaxel or OSE2101 plus nivolumab as second-line therapy in metastatic NSCLC progressing after first-line chemo-immunotherapy.
First Author: Federico Cappuzzo, MD
- Board 125a ABSTRACT TPS9141: A randomized phase 3 study of entrectinib versus crizotinib in patients (pts) with locally advanced/metastatic ROS1 fusion-positive (fp) NSCLC with or without baseline CNS metastases (mets).
First Author: Anne-Marie C. Dingemans, MD, PhD
- Board 125b ABSTRACT TPS9142: A phase 1/2 study of the highly selective EGFR inhibitor, BLU-701, in patients with EGFR-mutant non-small cell lung cancer (NSCLC).
First Author: Alexander I. Spira, MD, PhD, FACP
- Board 126a ABSTRACT TPS9143: A phase I, open-label, dose escalation, confirmation, and expansion trial of BI 1810631 as monotherapy in patients with advanced/metastatic solid tumors with HER2 aberrations.
First Author: John Heymach, MD, PhD
- Board 126b ABSTRACT TPS9144: A phase II randomized, open-labelled, multicenter study of safety and efficacy of combination brigatinib and carboplatin-pemetrexed therapy or brigatinib monotherapy as first-line treatment in patients with advanced ALK-positive non-small cell lung cancer (IFCT-2101 MASTERPROTOCOL ALK).
First Author: Michaël Duruisseaux, MD, PhD
- Board 127a ABSTRACT TPS9145: FoRT 05-BEAT: A phase II randomized trial comparing atezolizumab versus atezolizumab + bevacizumab as first-line treatment in patients with PD-L1 high advanced/metastatic NSCLC.
First Author: Rita Migliorino
- Board 127b ABSTRACT TPS9146: EVOKE-02: A phase 2 study of sacituzumab govitecan (SG) plus pembrolizumab (pembro) with or without platinum chemotherapy in first-line metastatic non-small cell lung cancer (NSCLC).
First Author: Edward B. Garon, MD, MS
- Board 128a ABSTRACT TPS9147: A phase 2 study of VS-6766 (RAF/MEK clamp) RAMP 202, as a single agent and in combination with defactinib (FAK inhibitor) in recurrent KRAS mutant (mt) and BRAF mt non-small cell lung cancer (NSCLC).
First Author: D. Ross Camidge, MD, PhD
- Board 128b ABSTRACT TPS9148: A phase 1/2 study of VS-6766 (RAF/MEK clamp) in combination with sotorasib (G12C inhibitor) in patients with KRAS G12C mutant non-small cell lung cancer (NSCLC) (RAMP 203).
First Author: Ramaswamy Govindan, MD
- Board 129a ABSTRACT TPS9149: EVOKE-01: A phase 3 study of sacituzumab govitecan (SG) versus docetaxel in patients with non-small cell lung cancer (NSCLC) progressing on or after platinum-based chemotherapy and checkpoint inhibitors.
First Author: Marina Chiara Garassino, MD
- Board 129b ABSTRACT TPS9150: Trial in progress: A phase 2 study of sotorasib as first-line treatment in patients with stage IV non-small cell lung cancer (NSCLC) whose tumors harbor a KRAS p.G12C mutation (CodeBreakK 201).
First Author: Kathryn Cecilia Arbour, MD
- Board 130a ABSTRACT TPS9151: Aumolertinib plus apatinib versus aumolertinib as first-line treatment in patients with EGFR mutation-positive locally advanced or metastatic non-small cell lung cancer (NSCLC).
First Author: Fan Zhang, MD
- Board 130b ABSTRACT TPS9152: GALLANT-1: Galectin-3 (Gal-3) inhibitor GB1211 plus atezolizumab (atezo) in patients with non-small cell lung cancer (NSCLC)—A randomized, double-blind trial.
First Author: François Ghiringhelli, MD, PhD
- Board 131a ABSTRACT TPS9153: Capmatinib plus osimertinib versus platinum-pemetrexed doublet chemotherapy as second-line therapy in patients with stage IIIb/IIIc or IV EGFR-mutant, T790M-negative NSCLC harboring MET amplification.
First Author: Yi-Long Wu, FACS
- Board 131b ABSTRACT TPS9154: Phase I trial of in situ vaccination with autologous CCL21-modified dendritic cells (CCL21-DC) combined with pembrolizumab for advanced NSCLC.
First Author: Aaron E. Lisberg, MD
- Board 132a ABSTRACT TPS9155: Phase 1/2 study of BLU-451, a central nervous system (CNS) penetrant, small molecule inhibitor of EGFR, in incurable advanced cancers with EGFR exon 20 insertion (ex20ins) mutations.
First Author: Alexander I. Spira, MD, PhD, FACP
- Board 132b ABSTRACT TPS9156: A phase 1/2 study of BLU-945 in patients with common activating EGFR-mutant non-small cell lung cancer (NSCLC): SYMPHONY trial in progress.
First Author: Elaine Shum, MD
- Board 133a ABSTRACT TPS9157: Additional chemotherapy for EGFRm patients with the continued presence of plasma ctDNA EGFRm at week 3 after start of osimertinib first-line treatment (PACE).
First Author: Jan Alexander Stratmann

Board 133b

ABSTRACT TPS9158: Randomized phase 2 study evaluating efficacy and safety of inupadenant in combination with chemotherapy in adults with metastatic non–small cell lung cancer (mNSCLC) who progressed on immunotherapy.
First Author: Mary E.R. O’Brien, MD

Board 134a

ABSTRACT TPS9159: AcceleRET Lung: A phase 3 study of first-line pralsetinib in patients with RET fusion–positive advanced/metastatic NSCLC.
First Author: Sanjay Popat, PhD, FRCP

Board 134b

ABSTRACT TPS9160: A randomized, double-blind, phase 3 trial of MK-7684A plus chemotherapy versus pembrolizumab plus chemotherapy as first-line therapy for metastatic non–small cell lung cancer (NSCLC): KeyVibe-007.
First Author: Marina Chiara Garassino, MD

Monday, June 6

8:00 AM - 11:00 AM | Hall A

Pediatric Oncology

Abstracts on Boards 224-235 will be discussed during the Pediatric Oncology Poster Discussion Session.

Posters by Topic

Leukemia/Lymphoma: Boards 227, 231, 236-239
Pediatric Solid Tumors: Boards 224-226, 228, 232, 240-261
Survivorship: Boards 229-230, 262-270
Symptom Management/Supportive Care/Palliative Care: Boards 233-235, 271
Trials in Progress: Boards 272a-274b

Board 224

ABSTRACT 10009: Tazemetostat in patients with tumors with alterations in EZH2 or the SWI/SNF complex: Results from NCI-COG Pediatric MATCH trial Arm C (APEC1621C).
First Author: Susan N. Chi, MD

Board 225

ABSTRACT 10010: Matched external control analysis of event-free survival (EFS) in patients with high-risk neuroblastoma (HRNB) receiving eflornithine (DFMO) maintenance.
First Author: Javier E. Oesterheld, MD

Board 226

ABSTRACT 10011: STRIVE-02: A first-in-human phase 1 trial of systemic B7H3 CAR T cells for children and young adults with relapsed/refractory solid tumors.
First Author: Navin R. Pinto, MD

Board 227

ABSTRACT 10012: Pediatric EBV-negative monomorphic post–solid organ transplant lymphoproliferative disorders [EBV(-)M-PTLD]: Characteristics, treatment, and outcome from 11 pediatric academic centers.
First Author: Zeinab A.M. Afify, MD

Board 228

ABSTRACT 10013: Survival of patients with neuroblastoma before versus after reduction of therapy due to the change in age cut-off from 12 to 18 months in Children’s Oncology Group (COG) risk stratification.
First Author: Wendy B. London, PhD

Board 229

ABSTRACT 10014: Modifiable risk factors for late mortality among five-year survivors of childhood cancer: A report from the Childhood Cancer Survivor Study.
First Author: Stephanie B. Dixon, MD, MPH

Board 230

ABSTRACT 10015: Benefits, harms, and burden of colorectal cancer screening among childhood cancer survivors previously treated with abdominal-pelvic radiation.
First Author: Jennifer M. Yeh, PhD

Board 231

ABSTRACT 10016: Outcomes of Hispanic and non-Hispanic white pediatric and young adult patients with B-cell acute lymphoblastic leukemia after commercial tisagenlecleucel.
First Author: Panayiotis Vandrís, BA, BS

Board 232

ABSTRACT 10017: Racial and ethnic differences in presentation and clinical outcomes for pediatric rhabdomyosarcoma (RMS).
First Author: Princess Ekpo, BSc

Board 233

ABSTRACT 10018: Barriers to effective childhood cancer control in Kenya (BECK) study, 2019-2020: A mixed methods study in a national tertiary facility and 10 regional cancer treatment centers.
First Author: Valerian Mwenda, MBChB, Msc

Board 234

ABSTRACT 10019: Identifying trends for high symptom burden across the care continuum in adolescents and young adults (AYA) with hematologic malignancies.
First Author: Sarah Elizabeth Monick, MD

Board 235

ABSTRACT 10020: Neuropathy and neurocognitive impairment in long-term survivors of pediatric cancer treated without central nervous system (CNS) directed therapy.
First Author: AnnaLynn Williams, PhD

Board 236

ABSTRACT 10021: Vitamin A and association with asparaginase-associated pancreatitis in children with acute lymphocytic leukemia.
First Author: Cheng-Yu Tsai, PhD

Board 237

ABSTRACT 10022: ADVL1514, a phase 1 study of ABI-009 (nab-sirolimus) in pediatric patients with recurrent or refractory solid tumors, including CNS tumors as a single agent and in combination with temozolomide and irinotecan: A Children’s Oncology Group pediatric early-phase clinical trial network study.
First Author: Stuart Cramer

Board 238

ABSTRACT 10023: Minimal residual disease comparison between Ig/TCR PCR versus NGS assays in children with Philadelphia chromosome-positive acute lymphoblastic leukemia: A report from the COG AALL1631 study.
First Author: Thai Hoa Tran, MD

Board 239

ABSTRACT 10024: Menin inhibitors as targeted therapeutics in KMT2a rearranged infant leukemia and the identification of effective treatment combinations.
First Author: Ritul Sharma, MSc

Board 240

ABSTRACT 10025: Progression-free survival and patterns of response in patients with high-risk neuroblastoma (HR-NB) treated with irinotecan/temozolomide/dinutuximab/granulocyte-macrophage colony-stimulating factor (I/T/DIN/GM-CSFS) chemoimmunotherapy.
First Author: Benjamin Lerman, MD, MS

Board 241

ABSTRACT 10026: Modulation of radiation biomarkers in a randomized phase II study of ¹³¹I-MIBG with or without radiation sensitizers for relapsed or refractory neuroblastoma: A report from the NANT Consortium.
First Author: Kevin M. Campbell, MD

Board 242

ABSTRACT 10027: Impact of diagnostic and end-of-induction Curie scores in tandem autologous hematopoietic cell transplant for patients with high-risk neuroblastoma: A report from the Children’s Oncology Group.
First Author: Keri A. Streby, MD

Board 243

ABSTRACT 10028: Naxitamab-based chemoimmunotherapy for resistant high-risk neuroblastoma: Results of “HITS” phase II study.
First Author: Shakeel Modak, MD

Board 244

ABSTRACT 10029: Phase 1 clinical trial of durvalumab in children with solid and central nervous system tumors.
First Author: Leo Mascarenhas, MBBS, MD, MS

Board 245

ABSTRACT 10030: Efficacy and safety of larotrectinib in pediatric patients with tropomyosin receptor kinase (TRK) fusion-positive cancer: An expanded dataset.
First Author: Leo Mascarenhas, MBBS, MD, MS

Board 246

ABSTRACT 10031: Risk-adapted local therapy and intensive chemotherapy in patients with high-risk rhabdomyosarcoma.
First Author: Michael W. Bishop, MS, MD

Board 247

ABSTRACT 10032: Predictors of differential outcomes according to response to induction chemotherapy in high-risk neuroblastoma.
First Author: Elizabeth Sokol, MD

Board 248

ABSTRACT 10033: Metronomic oral maintenance chemotherapy in patients with localized high-risk rhabdomyosarcoma (RMS) and RMS-like tumors: A report from a randomized, multicenter, phase III trial CWS-2007HR.
First Author: Ewa Koscielniak, MD

Board 249

ABSTRACT 10034: Phase I results of the INFORM2 combination study of nivolumab and entinostat in children and adolescents: INFORM2 NivEnt.
First Author: Cornelis Martinus van Tilburg, MD

Board 250

ABSTRACT 10035: A fully automated MRI-based deep-learning algorithm for classifying germinomas and nongerminomatous germ cell tumors.
First Author: Yanong Li

Board 251

ABSTRACT 10036: Multiomics analysis of pediatric solid tumors within the INFORM precision oncology study: From functional drug profiling to biomarker identification.
First Author: Dina ElHarouni

Board 252

ABSTRACT 10037: Combined IL-6 and IL-8 inhibition to overcome mesenchymal stem cell (MSC)-induced resistance to antimetastatic drugs in osteosarcoma.
First Author: S. Rubina Baglio, PhD

Board 253

ABSTRACT 10038: Phase I study of ¹³¹I-MIBG with dinutuximab for patients with relapsed or refractory neuroblastoma: A report from the new approaches to neuroblastoma therapy (NANT) consortium.
First Author: Thomas Cash, MD, MSc

- Board 254 ABSTRACT 10039: Predicting outcomes with circulating adrenergic neuroblastoma mRNAs in children with relapsed and refractory neuroblastoma: A BEACON-Neuroblastoma biomarker study.
First Author: Lucas Moreno, MD, PhD
- Board 255 ABSTRACT 10040: Update on phase 1 study of tazemetostat, an enhancer of zeste homolog 2 inhibitor, in pediatric patients with relapsed or refractory integrase interactor 1–negative tumors.
First Author: Susan N. Chi, MD
- Board 256 ABSTRACT 10041: Phase I trial of lorlatinib in combination with topotecan/cyclophosphamide in children with ALK-driven refractory or relapsed neuroblastoma: A new approaches to neuroblastoma therapy consortium study.
First Author: Kelly C. Goldsmith, MD
- Board 257 ABSTRACT 10042: Phase II trial of gemcitabine and nab-paclitaxel for recurrent osteosarcoma: A report from the National Pediatric Cancer Foundation.
First Author: Lars M. Wagner, MD
- Board 258 ABSTRACT 10043: Patterns of relapse after immunotherapy in patients with high-risk neuroblastoma.
First Author: Scott Moerdler, MD
- Board 259 ABSTRACT 10044: Clinical and biological features prognostic of survival after relapse of INRGSS-stage MS pattern neuroblastoma: A report from the International Neuroblastoma Risk Group (INRG) project.
First Author: Kevin M. Campbell, MD
- Board 260 ABSTRACT 10045: Outcomes of patients with bilateral retinoblastoma: A report from the RIVERBOAT Consortium.
First Author: Debra L. Friedman, MD
- Board 261 ABSTRACT 10046: Outcomes of patients with unilateral retinoblastoma: A report from the RIVERBOAT Consortium.
First Author: Debra L. Friedman, MD
- Board 262 ABSTRACT 10048: Informatics tools to implement late cardiovascular risk prediction modeling for population health management of high-risk childhood cancer survivors.
First Author: David H. Noyd, MD, MPH, FAAP
- Board 263 ABSTRACT 10049: Thyroid gland definitive ultrasound screening in childhood cancer survivors following radiotherapy.
First Author: Julia A. Baran, BA
- Board 264 ABSTRACT 10050: Improvements in life expectancy among childhood cancer survivors: Uneven gains and remaining challenges.
First Author: Jennifer M. Yeh, PhD
- Board 265 ABSTRACT 10051: The relationship between chronic health conditions and employment transitions among survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS).
First Author: Neel S. Bhatt, MBBS, MPH
- Board 266 ABSTRACT 10052: Associations between global longitudinal strain (GLS), N-terminal-prohormone brain natriuretic peptide (NT-proBNP) and subsequent cardiomyopathy (CM) in a clinically assessed cohort of childhood cancer survivors exposed to cardiotoxic therapy.
First Author: Matthew J. Ehrhardt, MD, MS
- Board 267 ABSTRACT 10053: Long-term medical and functional outcomes of medulloblastoma survivors: A population-based, matched cohort study.
First Author: Hallie Coltin, MD, FRCPC
- Board 268 ABSTRACT 10054: Long-term medical and functional outcomes of ependymoma survivors: A population-based, matched cohort study.
First Author: Hallie Coltin, MD, FRCPC
- Board 269 ABSTRACT 10055: Protein, fat, and animal food intakes and premature aging in adult survivors of childhood cancer: St. Jude Lifetime (SJLIFE) cohort.
First Author: Yikyung Park, DSc
- Board 270 ABSTRACT 10056: Treatment exposure-based risk-stratification for care of survivors of childhood cancer: A report from the Childhood Cancer Survivor Study.
First Author: Michaela Ann Dinan, PhD
- Board 271 ABSTRACT 10057: The impact of clinical trial enrollment on specialty palliative care utilization in pediatric patients with high-grade gliomas.
First Author: Holly Roberts, BS
- Board 272a ABSTRACT TPS10058: Erdafitinib in pediatric patients with advanced solid tumors with fibroblast growth factor receptor (FGFR) gene alterations: RAGNAR study pediatric cohort.
First Author: Olaf Witt, MD
- Board 272b ABSTRACT TPS10059: Trial in progress: A phase I trial of dual EZH 1/2 inhibitor valemestostat tosylate (DS-3201b) in pediatric, adolescent, and young adult patients with malignant solid tumors.
First Author: Ayumu Arakawa

- Board 273a ABSTRACT TPS10060: CaboMain: A phase 2 study of cabozantinib as a maintenance agent in patients with ultra-high risk pediatric solid tumors.
First Author: Nilay Shah, MD
- Board 273b ABSTRACT TPS10061: Naxitamab and granulocyte macrophage colony stimulating factor (GM-CSF) in combination with irinotecan and temozolomide in patients with high-risk neuroblastoma with primary refractory disease or in first relapse: An international, single-arm, multicenter phase 2 trial.
First Author: Godfrey Chi-Fung Chan, MD
- Board 274a ABSTRACT TPS10062: FIREFLY-1 (PNOC 026): A phase 2 study to evaluate the safety and efficacy of tovorafenib (DAY101) in pediatric patients with RAF-altered recurrent or progressive low-grade glioma or advanced solid tumors.
First Author: Daniel B. Landi, MD
- Board 274b ABSTRACT TPS10063: A pilot clinical study of VAL-413 (oral irinotecan HCl) in patients with recurrent pediatric solid tumors.
First Author: Dennis Brown

Monday, June 6

1:15 PM - 4:15 PM | Hall A

Genitourinary Cancer—Prostate, Testicular, and Penile

Abstracts on Boards 194-204 will be discussed during the Genitourinary Cancer—Prostate, Testicular, and Penile Poster Discussion Session.

Posters by Topic

Biomarkers/Imaging/Epidemiology/Outcomes: *Boards 195, 197, 205-214*

Germ Cell/Testicular: *Boards 215-220*

Penile Cancer: *Board 221*

Prostate Cancer—Advanced/Castrate-Resistant: *Boards 199-204, 222-247*

Prostate Cancer—Advanced/Hormone-Sensitive: *Boards 194, 248-266*

Prostate Cancer—Local-Regional Disease: *Boards 196, 198, 267-274*

Other: *Board 275*

Trials in Progress: *Boards 276a-287b*

- Board 194 ABSTRACT 5009: Cohort study of patients with oligorecurrent prostate cancer: Oncological outcomes of patients treated with salvage lymph node dissection via PSMA radioguided surgery.
First Author: Sophie Knipper
- Board 195 ABSTRACT 5011: Prostate-specific membrane antigen PET response associates with radiographic progression-free survival following stereotactic ablative radiation therapy in oligometastatic castration-sensitive prostate cancer.
First Author: Philip Sutera, MD
- Board 196 ABSTRACT 5012: Phase II, double-blind, randomized study of salvage radiation therapy (SRT) plus enzalutamide or placebo for high-risk PSA-recurrent prostate cancer after radical prostatectomy: The SALV-ENZA Trial.
First Author: Phuoc T. Tran, MD, PhD
- Board 197 ABSTRACT 5013: Biomarker-directed therapy in black and white men with metastatic castration-resistant prostate cancer (mCRPC).
First Author: Clara Hwang, MD
- Board 198 ABSTRACT 5014: Racial concordance and trust in health communications: A randomized trial of videos about prostate cancer.
First Author: Stacy Loeb, MD, PhD, MS
- Board 199 ABSTRACT 5015: Targeting B7-H3 in prostate cancer: Phase 2 trial in localized prostate cancer using the anti-B7-H3 antibody enoblituzumab, with biomarker correlatives.
First Author: Eugene Shenderov, MD, PhD
- Board 200 ABSTRACT 5016: A phase 2 randomized study of oral docetaxel plus ritonavir (ModraDoc006/r) in patients with metastatic castration-resistant prostate cancer (mCRPC).
First Author: Ulka N. Vaishampayan, MD
- Board 201 ABSTRACT 5017: PRINCE: Phase I trial of ¹⁷⁷Lu-PSMA-617 in combination with pembrolizumab in patients with metastatic castration-resistant prostate cancer (mCRPC).
First Author: Shahneen Sandhu, MBBS, FRACP
- Board 202 ABSTRACT 5018: BRCAAWAY: A randomized phase 2 trial of abiraterone, olaparib, or abiraterone + olaparib in patients with metastatic castration-resistant prostate cancer (mCRPC) with DNA repair defects.
First Author: Maha H. A. Hussain, MD, FACP, FASCO
- Board 203 ABSTRACT 5019: Tolerability of abiraterone (abi) combined with olaparib (ola) in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC): Further results from the phase III PROpel trial.
First Author: Antoine Thiery-Vuillemin, MD, PhD

- Board 204 ABSTRACT 5020: Gene-by-gene analysis in the MAGNITUDE study of niraparib (NIRA) with abiraterone acetate and prednisone (AAP) in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC) and homologous recombination repair (HRR) gene alterations. First Author: Shahneen Sandhu, MBBS, FRACP
- Board 205 ABSTRACT 5021: Long-term predictive value of serum PSA values obtained in clinical practice: Results from the Norwegian Prostate Cancer Consortium (NPCC). First Author: Jan Oldenburg, MD
- Board 206 ABSTRACT 5022: The association of germline HSD3B1 genotype with outcomes in metastatic hormone-sensitive prostate cancer (mHSPC) treated with androgen deprivation therapy (ADT) with or without enzalutamide (ENZA) [ARCHES]. First Author: Nima Sharifi, MD
- Board 207 ABSTRACT 5023: Longitudinal screening for depression and anxiety in prostate cancer (PC) and association with disease and treatment factors. First Author: Risa Liang Wong, MD
- Board 208 ABSTRACT 5024: Piflufolastat f 18-PET/CT in patients with prostate cancer: An analysis of OSPREY (cohorts A and B) standardized uptake value (SUV) results stratified by PSA and Gleason score. First Author: Michael A. Gorin, MD
- Board 209 ABSTRACT 5025: Long-term outcomes and genetic predictors of response to metastasis-directed therapy versus observation in oligometastatic castration-sensitive prostate cancer: A pooled analysis of the STOMP and ORIOLE trials. First Author: Mathew Pierre Deek, MD
- Board 210 ABSTRACT 5026: Chromosomal instability (CIN) in circulating tumor cells (CTC) predicts for taxane sensitivity in metastatic castration-resistant prostate cancer (mCRPC). First Author: Niamh M. Keegan, MBBS
- Board 211 ABSTRACT 5027: Circulating tumour cells (CTCs) and PSMA PET correlates in the phase I PRINCE trial of ¹⁷⁷Lu-PSMA-617 plus pembrolizumab for metastatic castration resistant prostate cancer (mCRPC). First Author: Anis Hamid, MBBS
- Board 212 ABSTRACT 5028: Impact of PSMA PET/CT on prostate cancer salvage radiotherapy management: Results from the prospective randomized phase 3 trial [PSMA SRT NCT03582774]. First Author: Wesley R. Armstrong, BS
- Board 213 ABSTRACT 5029: Genomic alterations and evolution in patients with prostate cancer with histologic evidence of neuroendocrine differentiation. First Author: Ethan Barnett, MA
- Board 214 ABSTRACT 5030: 18F-FluorThanatrace (18F-FTT) positron emission tomography (PET/CT) in prostate cancer measures in vivo PARP-1 expression and is associated with adverse clinicopathologic features. First Author: Neil Taunk, MD, MS
- Board 215 ABSTRACT 5031: Need for organ preservation in postchemotherapy retroperitoneal lymph node dissection (PC-RPLND). First Author: Tim Nestler, MD
- Board 216 ABSTRACT 5032: Salvage high-dose chemotherapy (HDCT) for relapsed primary mediastinal nonseminomatous germ-cell tumors (PMNSGCT). First Author: Fadi Taza, MD
- Board 217 ABSTRACT 5033: Epigenetic age acceleration in U.S. testicular cancer survivors (TCS). First Author: Yinan Zheng
- Board 218 ABSTRACT 5034: Management of residual nonretroperitoneal disease in nonseminomatous germ-cell tumors (NSGCT). First Author: Jennifer King, MD
- Board 219 ABSTRACT 5035: Identifying germline genetic alterations or environmental factors associated with bilateral germ cell tumor (GCT). First Author: Jack Patrick Gleeson, MRCP, MBBS
- Board 220 ABSTRACT 5036: Prognostic significance of raised serum tumor markers (STM) after 2 cycles of chemotherapy in men with intermediate- and poor-risk non-seminomatous testicular germ cell tumors (NSGCT) treated at a single-centre in India. First Author: Ankur Nandan Varshney
- Board 221 ABSTRACT 5037: Anti-EGFR antibody plus anti-PD-1 antibody and chemotherapy as a neoadjuvant regimen for patients with locally-advanced penile squamous cell carcinoma: A prospective, single-arm, single-center, phase II clinical trial. First Author: Xin An
- Board 222 ABSTRACT 5038: Influence of darolutamide on cabazitaxel systemic exposure. First Author: Stefan Buck, MD
- Board 223 ABSTRACT 5039: Candidate surrogate endpoints in advanced prostate cancer: Aggregate meta-analysis of 143 randomized trials. First Author: Laila A. Gharzai
- Board 224 ABSTRACT 5040: Safety and survival outcomes in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC) treated with lutetium-177–prostate-specific membrane antigen (¹⁷⁷Lu-PSMA) after radium-223 (²²³Ra): Interim analysis of the RALU study. First Author: Kambiz Rahbar, MD
- Board 225 ABSTRACT 5041: Alkaline phosphatase (ALP) decline and overall survival (OS) in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC) treated with radium-223 (Ra-223) in the REASSURE study. First Author: Nicholas D. James, MBBS, PhD, FRCP
- Board 226 ABSTRACT 5042: Outcome of patients with PSMA PET/CT screen failure by VISION criteria and treated with ¹⁷⁷Lu-PSMA therapy: A multicenter retrospective analysis. First Author: Masatoshi Hotta, MD
- Board 227 ABSTRACT 5043: PSMA PET tumor-to-salivary glands ratio (PSG score) to predict response to Lu-177 PSMA radioligand therapy: An international multicenter retrospective study. First Author: Masatoshi Hotta, MD
- Board 228 ABSTRACT 5044: Progression patterns by types of metastatic spread, prostate-specific antigen (PSA), and clinical symptoms: Post-hoc analyses of ARAMIS. First Author: Alicia K. Morgans, MD, MPH
- Board 229 ABSTRACT 5045: Molecular correlates of high B7-H3-expressing metastatic castrate-resistant prostate cancers (mCRPC) via exome, transcriptome, and epigenome analyses. First Author: Xiaolei Shi, MD, PhD
- Board 230 ABSTRACT 5046: Predictors of overall survival among Black South African men treated with androgen-deprivation therapy for metastatic prostate cancer. First Author: Yoanna S. Pumpalova, MD
- Board 231 ABSTRACT 5047: Tolerability of [¹⁷⁷Lu]Lu-PSMA-617 by treatment exposure in patients with metastatic castration-resistant prostate cancer (mCRPC): A VISION study subgroup analysis. First Author: Scott T. Tagawa, MD, MS, FACP
- Board 232 ABSTRACT 5048: A phase 1/2 multicenter investigator-initiated trial of DKN-01 as monotherapy or in combination with docetaxel for the treatment of metastatic castration-resistant prostate cancer (mCRPC). First Author: David R. Wise, MD, PhD
- Board 233 ABSTRACT 5049: Final analysis of the phase 1b/2 study of sabizabulin in men with metastatic castration-resistant prostate cancer who progressed on an androgen receptor targeting agent. First Author: Mark Christopher Markowski, MD, PhD
- Board 234 ABSTRACT 5050: Olaparib plus abiraterone as first-line therapy in men with metastatic castration-resistant prostate cancer: Pharmacokinetics data from the PROpel trial. First Author: Andrew J. Armstrong, MD, MS
- Board 235 ABSTRACT 5051: On-treatment plasma ctDNA fraction and treatment outcomes in metastatic castration-resistant prostate cancer. First Author: Sofie H. Tolmeijer
- Board 236 ABSTRACT 5052: Phase I/II study of the selective PI3Kβ inhibitor GSK2636771 in combination with pembrolizumab in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC) and PTEN loss. First Author: Ecaterina Elena Dumbrava, MD
- Board 237 ABSTRACT 5053: Characterization and impact of canonical Wnt Signaling Pathway (WSP) alterations on outcomes of metastatic prostate cancer. First Author: Rana R. McKay, MD
- Board 238 ABSTRACT 5055: Biallelic loss of TP53, PTEN, and RB1 in association to aggressive clinical features and poor outcomes in metastatic castration-resistant prostate cancer (mCRPC). First Author: Corinne Maurice-Dror, MD
- Board 239 ABSTRACT 5056: Activation of the AKT pathway and outcomes in patients (pts) treated with or without ipatasertib (ipat) in metastatic castration-resistant prostate cancer (mCRPC): Next-generation sequencing (NGS) data from the phase III IPATential150 trial. First Author: Christopher Sweeney, MBBS
- Board 240 ABSTRACT 5057: Impact of activating androgen receptor (AR) mutations on AR sensitivity to alternative ligands and response to ODM-208, a selective, first-in-class CYP11A1 inhibitor, in patients with advanced metastatic castration-resistant prostate cancer (mCRPC). First Author: Alice Bernard-Tessier, MD
- Board 241 ABSTRACT 5058: Transcriptional profiling of matched biopsies reveals molecular determinants of enzalutamide resistance. First Author: Thomas Westbrook, MD

- Board 242 ABSTRACT 5059: DynAMo: A dynamic allocation modular sequential trial of approved and promising therapies in men with metastatic CRPC. First Author: Paul Vincent Viscuse, MD
- Board 243 ABSTRACT 5060: Health-related quality of life (HRQoL) and pain in the MAGNITUDE study of niraparib (NIRA) with abiraterone acetate and prednisone (AAP) in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC) and homologous recombination repair (HRR) gene alterations. First Author: Dana E. Rathkopf, MD
- Board 244 ABSTRACT 5061: Comparing pretest video genetic education for prostate cancer patients: Do patients need assistance? First Author: Samantha Greenberg, CGC, MPH, MS
- Board 245 ABSTRACT 5062: Epidemiology and racial differences of prostate cancer clinical states. First Author: Shannon R. Stock, PhD
- Board 246 ABSTRACT 5063: Association of RB1 mutational status with overall genomic landscape in neuroendocrine prostate cancer (NEPC). First Author: Petros Grivas, MD, PhD
- Board 247 ABSTRACT 5064: Overall survival (OS) and biomarker results from combat: A phase 2 study of bipolar androgen therapy (BAT) plus nivolumab for patients with metastatic castrate-resistant prostate cancer (mCRPC). First Author: Mark Christopher Markowski, MD, PhD
- Board 248 ABSTRACT 5065: Reasons for oncologist and urologist treatment choice in metastatic castration-sensitive prostate cancer (mCSPC): A physician survey linked to patient chart reviews in the United States. First Author: Stephen J. Freedland, MD
- Board 249 ABSTRACT 5066: Genomic aberrations associated with overall survival (OS) in metastatic castration-sensitive prostate cancer (mCSPC) treated with apalutamide (APA) or placebo (PBO) plus androgen deprivation therapy (ADT) in TITAN. First Author: Neeraj Agarwal, MD
- Board 250 ABSTRACT 5067: Feasibility of a novel wrist-worn thermal device for management of vasomotor symptoms in patients with prostate cancer. First Author: Alicia K. Morgans, MD, MPH
- Board 251 ABSTRACT 5068: A pilot trial of neoantigen DNA vaccine in combination with nivolumab/ipilimumab and prostrvac in metastatic hormone-sensitive prostate cancer (mHSPC). First Author: Koral Shah
- Board 252 ABSTRACT 5069: Clinical outcomes and safety of enzalutamide (ENZA) plus androgen-deprivation therapy (ADT) in metastatic hormone-sensitive prostate cancer (mHSPC) in patients aged < 75 and ≥ 75 years: ARCHES post hoc analysis. First Author: Russell Zelig Szmulewitz, MD
- Board 253 ABSTRACT 5070: Defining more precisely the effects of docetaxel plus ADT for men with mHSPC: Meta-analysis of individual participant data from randomized trials. First Author: Claire Louise Vale, PhD
- Board 254 ABSTRACT 5071: Bone biomarkers and overall survival (OS) in men with advanced hormone-sensitive prostate cancer (HSPC): Results from SWOG S1216, a phase III trial of ADT +/- orteronel. First Author: Primo "Lucky" N. Lara Jr., MD
- Board 255 ABSTRACT 5072: Radiographic progression in the absence of prostate-specific antigen (PSA) progression in patients with metastatic hormone-sensitive prostate cancer (mHSPC): Post hoc analysis of ARCHES. First Author: Andrew J. Armstrong, MD, MS
- Board 256 ABSTRACT 5073: Efficacy and safety of relugolix in men with advanced prostate cancer based on baseline body mass index (BMI): A subgroup analysis from the randomized, phase 3 HERO study versus leuprolide (LEU). First Author: Fred Saad, MD, FRCS
- Board 257 ABSTRACT 5074: Prevalence of DNA damage repair (DDR) alterations in patients with metastatic hormone-sensitive prostate cancer (mHSPC) receiving enzalutamide (ENZA) or placebo (PBO) plus androgen deprivation therapy (ADT): ARCHES post hoc analysis. First Author: Arun Azad, MBBS, PhD, FRACP
- Board 258 ABSTRACT 5075: A phase 1b adaptive androgen deprivation therapy trial in metastatic castration sensitive prostate cancer. First Author: Jingsong Zhang, MD, PhD
- Board 259 ABSTRACT 5076: Survival analysis of the randomized phase II trial to investigate androgen signaling inhibitors with or without androgen deprivation therapy (ADT) for castration-sensitive prostate cancer: LACOG 0415. First Author: Fernando Cotait Maluf, MD
- Board 260 ABSTRACT 5077: Estrogen receptor β and TMPRSS2-ERG expression association with clinical outcomes in metastatic hormone-sensitive prostate cancer. First Author: Caterina Aversa
- Board 261 ABSTRACT 5078: Association of prostate-specific antigen (PSA) response and overall survival (OS) in patients with metastatic hormone-sensitive prostate cancer (mHSPC) from the phase 3 ARASENS trial. First Author: Fred Saad, MD, FRCS
- Board 262 ABSTRACT 5079: Effect of docetaxel (D) use on survival outcomes in patients with metastatic castration-sensitive prostate cancer (mCSPC) treated with novel hormonal therapies (NHTs): A meta-analysis. First Author: Deniz Can Guven, MD
- Board 263 ABSTRACT 5080: Transcriptomic profiling of patients (pts) with de-novo metastatic castration-sensitive prostate cancer (DN-mCSPC) versus those with mCSPC that have relapsed from prior localized therapy (PLT-mCSPC). First Author: Nicolas Sayegh, MD
- Board 264 ABSTRACT 5081: Eight-year survival rates by baseline prognostic groups in patients with metastatic hormone-sensitive prostate cancer (mHSPC): An analysis from the ECOG-ACRIN 3805 (CHAARTED) trial. First Author: Abhishek Tripathi, MD
- Board 265 ABSTRACT 5082: A randomized phase Ib/II study of intermittent androgen deprivation therapy plus nivolumab with or without interleukin-8 blockade in men with hormone-sensitive prostate cancer (MAGIC-8). First Author: Matthew Dallos, MD
- Board 266 ABSTRACT 5083: Indirect comparisons of triplet therapy as compared to novel hormonal therapy doublets in patients with metastatic castration sensitive prostate cancer. First Author: Syed Arsalan Ahmed Naqvi, MBBS
- Board 267 ABSTRACT 5084: Patient (pt) population and radiation therapy (RT) type in the long-term phase 3 double-blind, placebo (PBO)-controlled ATLAS study of apalutamide (APA) added to androgen deprivation therapy (ADT) in high-risk localized or locally advanced prostate cancer (HRLPC). First Author: Howard M. Sandler, MD, FASTRO, FASCO
- Board 268 ABSTRACT 5085: Randomized phase II trial of neoadjuvant androgen deprivation therapy plus abiraterone and apalutamide for patients with high-risk localized prostate cancer: Pathologic response and PSMA imaging correlates. First Author: Diogo Assed Bastos, MD
- Board 269 ABSTRACT 5086: Comparative healthcare research outcomes of novel Surgery in prostate cancer (IP4-CHRONOS): Pilot RCT assessing feasibility of randomization for focal therapy in localized prostate cancer. First Author: Deepika Reddy, MBChB
- Board 270 ABSTRACT 5087: Diagnosed with advanced prostate cancer: A population-based cohort from national oncology practices. First Author: Simon P. Kim, MD, MPH
- Board 271 ABSTRACT 5088: Predictive value of extra-prostatic disease detection by pre-operative PSMA-PET for biochemical recurrence-free survival in patients treated with radical prostatectomy: Follow-up analysis of a multicenter prospective phase 3 imaging trial. First Author: Loic Djaileb, MD, PhD
- Board 272 ABSTRACT 5089: Salvage radiotherapy guided by functional imaging for macroscopic local recurrence following radical prostatectomy: A multicentric retrospective study. First Author: Nicolas Benziane Ouaitini, MD
- Board 273 ABSTRACT 5090: Recurrence, metastasis, and survival after radical prostatectomy in the era of advanced treatments. First Author: Kristian D. Stensland, MD, MPH
- Board 274 ABSTRACT 5091: Methylated DNA markers in urine aid in the selective identification of patients with prostate cancer as well as clinically significant pathology. First Author: Paras Shah, MD
- Board 275 ABSTRACT 5092: Is there a role for surgery after chemotherapy in recurrent/metastatic adrenal cortical cancer (ACC)? First Author: Esmail Mutahar Al-Ezzi, MBBS
- Board 276a ABSTRACT TPS5093: Camrelizumab combined with TIP (paclitaxel+cis platin+ifosfamide) as neoadjuvant treatment of locally advanced penile cancer before lymphadenectomy: An exploratory, phase II study. First Author: Yongsheng Chen, MD
- Board 276b ABSTRACT TPS5094: A phase II trial of cemiplimab alone or in combination with standard of care chemotherapy in locally advanced or metastatic penile carcinoma (EPIC Trial). First Author: Emily Rennison

Board 277a	ABSTRACT TPS5095: ETCTN 10437: A single-arm phase II study of bone-targeted sn-117m-DTPA in symptomatic castration-resistant prostate cancer with skeletal metastases. First Author: Zin Myint, MD
Board 277b	ABSTRACT TPS5096: TALAPRO-3: A phase 3, double-blind, randomized study of enzalutamide (ENZA) plus talazoparib (TALA) versus placebo plus ENZA in patients with DDR gene-mutated, metastatic castration-sensitive prostate cancer (mCSPC). First Author: Neeraj Agarwal, MD
Board 278a	ABSTRACT TPS5097: A phase 2, multicenter, parallel-group, open-label study of vudalimab (XmAb20717), a PD-1 x CTLA-4 bispecific antibody, alone or in combination with chemotherapy or targeted therapy in patients with molecularly defined subtypes of metastatic castration-resistant prostate cancer. First Author: Mark N. Stein, MD
Board 278b	ABSTRACT TPS5098: A phase Ia/Ib study of talazoparib in combination with tazemetostat in metastatic castration-resistant prostate cancer (mCRPC). First Author: Atish Dipankar Choudhury, MD, PhD
Board 279a	ABSTRACT TPS5099: Trial in progress: Durvalumab and olaparib for the treatment of prostate cancer in men predicted to have a high neoantigen load. First Author: Alexandra Sokolova, MD
Board 279b	ABSTRACT TPS5100: Phase I/II study of ²²⁵ Ac-J591 plus ¹⁷⁷ Lu-PSMA-I&T for progressive metastatic castration-resistant prostate cancer. First Author: Jones T. Nauseef, MD, PhD
Board 280a	ABSTRACT TPS5101: A phase 1 study of AMG 509 in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC). First Author: Daniel Costin Danila, MD
Board 280b	ABSTRACT TPS5102: Phase 3 VERACITY clinical study of sabizabulin in men with metastatic castration-resistant prostate cancer who have progressed on an androgen receptor targeting agent. First Author: Robert Dreicer, MD, MS, MACP, FASCO
Board 281a	ABSTRACT TPS5103: DASL-HiCaP: Darolutamide augments standard therapy for localized very high-risk cancer of the prostate (ANZUP1801)—A randomized phase 3, double-blind, placebo-controlled trial of adding darolutamide to androgen deprivation therapy and definitive or salvage radiation. First Author: Tamim Niazi, MD
Board 281a	ABSTRACT TPS5104: Phase 1 study of JNJ-69086420, an actinium-225-labeled antibody targeting human kallikrein-2, for advanced prostate cancer. First Author: Michael J. Morris, MD
Board 282a	ABSTRACT TPS5105: A phase 1/2 study of REGN4336, a PSMAxCD3 bispecific antibody, alone and in combination with cemiplimab in patients with metastatic castration-resistant prostate cancer. First Author: William Kevin Kelly, DO
Board 282b	ABSTRACT TPS5106: Phase 1b study of bavdegalutamide, an androgen receptor PROTAC degrader, combined with abiraterone in patients with metastatic prostate cancer. First Author: Neal D. Shore, MD, FACS
Board 283a	ABSTRACT TPS5107: Alliance A031902 (CASPAR): A randomized, phase (ph) 3 trial of enzalutamide with rucaparib/placebo in first-line metastatic castration-resistant prostate cancer (mCRPC). First Author: Arpit Rao, MD
Board 284a	ABSTRACT TPS5109: ¹⁷⁷ Lu-DOTA-TLX591 safety, biodistribution and dosimetry study (ProstACT-SELECT). First Author: Paola Antonini
Board 284b	ABSTRACT TPS5110: CCTG PR21: A randomized phase II study of [¹⁷⁷ Lu]lu-PSMA-617 versus docetaxel in patients with metastatic castration-resistant prostate cancer and PSMA-positive disease (NCT04663997). First Author: Kim N. Chi, MD, FRCPC
Board 285a	ABSTRACT TPS5111: Open-label study of androgen receptor inhibition with darolutamide plus androgen-deprivation therapy (ADT) versus ADT in men with metastatic hormone-sensitive prostate cancer using an external control arm (ARASEC). First Author: Neal D. Shore, MD, FACS
Board 285b	ABSTRACT TPS5112: Veterans affairs seamless phase II/III randomized trial of standard systemic therapy with or without PET-directed local therapy for oligorecurrent prostate cancer (VA STARPORT). First Author: Abhishek A. Solanki, MD, MS
Board 286a	ABSTRACT TPS5113: Focal radiation with pulsed systemic therapy of abiraterone, androgen deprivation therapy (ADT), olaparib towards castration-sensitive oligometastatic prostate cancer (FAALCON Trial). First Author: Zachery R. Reichert, MD, PhD

Board 286b	ABSTRACT TPS5114: A phase III double blinded study of early intervention after radical prostatectomy with androgen deprivation therapy with darolutamide versus placebo in men at highest risk of prostate cancer metastasis by genomic stratification (ERADICATE). First Author: Alicia K. Morgans, MD, MPH
Board 287a	ABSTRACT TPS5115: A phase I study of ADXS-504, a cancer type specific immunotherapy, for patients with biochemically recurrent prostate cancer. First Author: Karie Runcie
Board 287b	ABSTRACT TPS5116: A randomized trial on pelvic lymph node dissection versus no lymph node dissection at radical prostatectomy: Report of a trial in progress. First Author: Nicole Benfante, MS

Monday, June 6

1:15 PM - 4:15 PM | Hall A

Head and Neck Cancer

Abstracts on Boards 1-12 will be discussed during the Head and Neck Cancer Poster Discussion Session.

Posters by Topic

Advanced Disease: Boards 8, 10, 13-42

Biologic Correlates: Boards 9, 43-48

Local-Regional: Boards 1-7, 49-70

Other (Salivary, Thyroid): Boards 11-12, 71-88

Trials in Progress: Boards 89a-96a

Board 1	ABSTRACT 6009: Deintensification of postoperative radiotherapy in head and neck cancer independent of human papillomavirus status: Results of a prospective multicenter phase II trial. First Author: Marlen Haderlein
Board 2	ABSTRACT 6010: Effectiveness of adjuvant chemoradiotherapy for oral cavity squamous cell carcinoma with minor and major extranodal extension: A multi-institutional consortium study. First Author: Mirko Manojlovic Kolarski, MD
Board 3	ABSTRACT 6011: Swallowing and quality-of-life outcomes of response adaptive de-escalated therapy following nivolumab-based induction for HPV+ oropharyngeal cancer. First Author: Ari Rosenberg, MD
Board 4	ABSTRACT 6012: Efficacy and safety of camrelizumab and apatinib combined with induction chemotherapy and concurrent chemoradiotherapy for stage TanyN3M0 nasopharyngeal carcinoma: A phase II QUINTUPLED trial. First Author: Hu Liang, MD, PhD
Board 5	ABSTRACT 6013: Phase 3 randomized study comparing docetaxel-platinum with docetaxel-platinum-5 fluorouracil as neoadjuvant chemotherapy in technically unresectable oral cancer. First Author: Ajaykumar Singh, DM
Board 6	ABSTRACT 6014: Dose-finding and efficacy confirmation trial of the superselective intra-arterial infusion of cisplatin and concomitant radiotherapy for locally advanced maxillary sinus cancer (JCOG1212): Results of the efficacy confirmation phase in the T4a cohort. First Author: Akihiro Homma, MD, PhD
Board 7	ABSTRACT 6015: Refining nodal category in TNM staging with extent of extranodal extension for oral cavity squamous cell carcinoma. First Author: John R. de Almeida, MD
Board 8	ABSTRACT LBA6016: Phase 3 randomised study evaluating the addition of low-dose nivolumab to palliative chemotherapy in head and neck cancer. First Author: Vijay Maruti Patil, MD, MBBS
Board 9	ABSTRACT 6017: Liquid Biopsy for Minimal Residual Disease Detection in Head and Neck Squamous Cell Carcinoma (LIONESS): A personalized cell-free tumor DNA analysis for patients with HNSCC. First Author: Susanne Flach
Board 10	ABSTRACT 6018: Phase II study of trastuzumab-pkrb and docetaxel anhydrous combination therapy in recurrent or metastatic salivary ductal carcinomas (KCSG HN18-08/KM11). First Author: Jiyun Lee, MD
Board 11	ABSTRACT 6019: A phase 2 clinical trial of axitinib and avelumab in patients with recurrent/metastatic adenoid cystic carcinoma (ACC). First Author: Renata Ferrarotto, MD
Board 12	ABSTRACT 6020: A phase 2 study of the oral vascular endothelial growth factor receptor 2 (VEGFR2) inhibitor, rivoceranib, for recurrent or metastatic (R/M) adenoid cystic carcinoma (ACC). First Author: Hyunseok Kang, MPH

- Board 13 ABSTRACT 6021: Predicting emergency department use and unplanned hospitalization in patients with head and neck cancer: Development and validation of a machine learning algorithm.
First Author: Christopher W. Noel, MD
- Board 14 ABSTRACT 6022: Preliminary safety and efficacy of toripalimab combined with cetuximab in platinum-refractory recurrent or metastatic head and neck squamous cell carcinoma (R/M-HNSCC): A phase Ib/II clinical trial.
First Author: Ye Guo, MD
- Board 15 ABSTRACT 6023: Neoadjuvant toripalimab combined with gemcitabine and cisplatin in resectable locally advanced head and neck squamous cell carcinoma (NeoTGP01): An open-label, single-arm, phase Ib clinical trial.
First Author: Zhigang Liu, MD
- Board 16 ABSTRACT 6024: A phase Ib study of SHR-1701, a bifunctional fusion protein targeting PD-L1 and TGF- β , in patients with recurrent or metastatic nasopharyngeal carcinoma (RM-NPC).
First Author: Yunpeng Yang, MD, PhD
- Board 17 ABSTRACT 6025: Efficacy and safety of chemotherapy plus subsequent locoregional radiotherapy and toripalimab in de novo metastatic nasopharyngeal carcinoma.
First Author: Si-Yuan Chen
- Board 18 ABSTRACT 6026: A new prognostic model in patients with recurrent or metastatic head and neck cancer treated with chemotherapy: An analysis of ECOG-ACRIN E1305.
First Author: Athanassios Argiris, MD
- Board 19 ABSTRACT 6027: Penpulimab plus anlotinib in patients with recurrent or metastatic head and neck squamous cell carcinoma after the failure of first-line platinum-based chemotherapy: A single-arm, multicenter, phase 2 study.
First Author: Changgong Zhang
- Board 20 ABSTRACT 6028: Comprehensive immune landscape and molecular characteristics of clinical responses to chemotherapy, antiangiogenic agents, and PD-1 inhibitors in recurrent or metastatic nasopharyngeal carcinoma.
First Author: Mingyuan Chen, PhD
- Board 21 ABSTRACT 6029: CA209-9KY: Results of a phase II study of intensity modulated radiotherapy (IMRT) re-irradiation and concurrent/adjuvant nivolumab (nivo) in patients with loco-regionally recurrent or second primary (RSPT) head and neck squamous cell carcinoma (HNSCC).
First Author: Nabil F. Saba, MD, FACP
- Board 22 ABSTRACT 6030: A retrospective analysis of patients administered neoadjuvant chemotherapy (NACT) with paclitaxel plus carboplatin with oral metronomic chemotherapy (OMCT) in locally advanced borderline resectable/technically unresectable head and neck cancers.
First Author: Shruti Pathak, EdD, MSc
- Board 23 ABSTRACT 6031: Complications and severity of COVID-19 in patients with head and neck cancer (HNC): A COVID-19 and Cancer Consortium (CCC19) registry analysis.
First Author: Vidhya Karivedu, MD
- Board 24 ABSTRACT 6032: Leukocyte interleukin injection (LI) immunotherapy extends overall survival (OS) in treatment-naïve low-risk (LR) locally advanced primary squamous cell carcinoma of the head and neck: The IT-MATTERS study.
First Author: Eyal Talor, PhD
- Board 25 ABSTRACT 6033: Four-year result of diffusion-weighted, MRI-guided, dose-painting radiotherapy following induction chemotherapy in patients with locally advanced recurrent nasopharyngeal carcinoma: A randomized controlled trial.
First Author: Feng Liu, MD
- Board 26 ABSTRACT 6034: Efficacy and safety of QL1706, a novel dual immune checkpoint blockade containing a mixture of anti-PD1 IgG4 and anti-CTLA4 IgG1 antibodies, for advanced nasopharyngeal carcinoma (NPC): Pooled cohort data from phase 1a/1b trials.
First Author: Hongyun Zhao, PhD
- Board 27 ABSTRACT 6035: Infections and their impact on patients on pembrolizumab-based therapies for head and neck cancer.
First Author: Yuqi Zhang, MD
- Board 28 ABSTRACT 6036: Taxanes plus cetuximab with or without platinum chemotherapy after progression on immune checkpoint inhibitors in patients with squamous cell carcinoma of the head and neck.
First Author: Khalil Saleh, MD
- Board 29 ABSTRACT 6037: Individualized prediction of distant metastases risk in oral cavity carcinoma: A validated predictive-score model.
First Author: Badr Id Said, MD
- Board 30 ABSTRACT 6038: Predictors of the survival for platinum-refractory head and neck squamous cell carcinoma by using contrast-enhanced magnetic resonance imaging.
First Author: Hsueh-Ju Lu, MD, PhD
- Board 31 ABSTRACT 6039: Phase I results of gunagratinib (ICP-192), a highly selective irreversible FGFR 1-4 inhibitor in patients with head and neck cancer harboring FGF/FGFR gene aberrations.
First Author: Ye Guo, MD
- Board 32 ABSTRACT 6040: The impact of induction chemotherapy response to survival outcomes in oropharyngeal cancer.
First Author: Qixian Zhang
- Board 33 ABSTRACT 6041: PDS0101, a novel type I interferon and CD8 T-cell activating immunotherapy, in combination with pembrolizumab in subjects with recurrent/metastatic HPV16-positive head and neck squamous cell carcinoma (HNSCC).
First Author: Jared Weiss, MD
- Board 34 ABSTRACT 6042: Efficacy and safety of camrelizumab combined with apatinib in previously treated recurrent or metastatic nasopharyngeal carcinoma: A phase II clinical trial.
First Author: Lin-Quan Tang, PhD
- Board 35 ABSTRACT 6043: Clinicopathologic characteristics of HRAS-mutant head and neck squamous cell carcinoma (HNSCC).
First Author: Coral Olazagasti, MD
- Board 36 ABSTRACT 6044: The effect of opioids on the efficacy of immunotherapy in recurrent/metastatic squamous cell carcinoma of the head and neck (R/M HNSCC).
First Author: Nicole N. Scheff, PhD
- Board 37 ABSTRACT 6045: A phase 1 dose-escalation and expansion study of CUE-101, a novel HPV16 E7-pHLA-IL2-Fc fusion protein, given alone and in combination with pembrolizumab in patients with recurrent/metastatic HPV16+ head and neck cancer.
First Author: Christine H. Chung, MD
- Board 38 ABSTRACT 6046: Results of ACCURACY: A phase 2 trial of AL101, a selective gamma secretase inhibitor, in subjects with recurrent/metastatic (R/M) adenoid cystic carcinoma (ACC) harboring Notch activating mutations (Notchmut).
First Author: Renata Ferrarotto, MD
- Board 39 ABSTRACT 6047: Imaging biomarkers of collagen architecture on baseline biopsies in association with response in patients with head and neck squamous cell carcinoma treated with immunotherapy.
First Author: Reetoja Nag
- Board 40 ABSTRACT 6048: Outcomes and adverse events of low-dose nivolumab in platinum refractory head and neck cancers.
First Author: Hemanth Kumar, DM
- Board 41 ABSTRACT 6049: Racial disparity in receipt of immunotherapy treatment among elderly patients with head and neck cancer.
First Author: Nosayaba Osazuwa-Peters, PhD
- Board 42 ABSTRACT 6050: Digital spatial profiling to uncover biomarkers of immunotherapy outcomes in head and neck squamous cell carcinoma.
First Author: Niki Gavrielatou, MD
- Board 43 ABSTRACT 6051: Immune-related gene expression signature in patients with recurrent/metastatic head and neck cancer treated with immunotherapy.
First Author: Lisa F. Licitra, MD
- Board 44 ABSTRACT 6052: Personalized circulating tumor DNA (ctDNA) analysis in patients with recurrent/metastatic head and neck squamous cell cancer (R/M HNSCC).
First Author: Kirsty Taylor, MBBCh, MRCP
- Board 45 ABSTRACT 6053: Tumor cell budding as a prognostic and potentially therapeutically targetable biomarker in head and neck cancer.
First Author: Jan Budczies, PhD
- Board 46 ABSTRACT 6054: The mutational landscape of medullary thyroid carcinoma using whole-exome sequencing in China.
First Author: Chen Huang
- Board 47 ABSTRACT 6055: Gut microbiome/metabolome predicts response to immune checkpoint blockers (ICB) in patients with recurrent metastatic head and neck squamous cell cancer (RM HNSCC).
First Author: Shahla Bari, MD
- Board 48 ABSTRACT 6056: Cataloging targetable dependencies of head and neck cancer cell lines in the DepMap CRISPR screens.
First Author: Devraj Basu, MD, PhD
- Board 49 ABSTRACT 6057: Association between up-front surgery and risk of stroke in U.S. veterans with oropharyngeal squamous cell carcinoma.
First Author: Lova Sun, MD

- Board 50 ABSTRACT 6058: Intraoperative radiation therapy for locally advanced and recurrent head and neck cancer.
First Author: Celina Chiodo
- Board 51 ABSTRACT 6059: Impact on xerostomia for patients with nasopharyngeal carcinoma treated with superficial parotid lobe-sparing intensity-modulated radiation therapy (SPLS-IMRT): A prospective phase II randomized controlled study.
First Author: Huageng Huang
- Board 52 ABSTRACT 6060: Camrelizumab plus apatinib as induction therapy for locally advanced head and neck squamous cell carcinoma (IMplus): A single-arm phase II study.
First Author: Lulu Ye
- Board 53 ABSTRACT 6061: Recombinant human endostatin combined with intensity-modulated radiotherapy in low-risk locoregionally advanced nasopharyngeal carcinoma: A phase II, randomized, multicenter clinical trial.
First Author: Min Kang
- Board 54 ABSTRACT 6062: Dynamic cell free HPV DNA is an early measure of treatment responsiveness in patients receiving induction chemotherapy for HPV-related head and neck cancer.
First Author: Linda (Yilin) Cao, MD
- Board 55 ABSTRACT 6063: Camrelizumab in combination with concurrent chemoradiotherapy as first-line treatment for nonoperative head and neck cancer: A comparative study.
First Author: Feng Liu, MD
- Board 56 ABSTRACT 6064: Pathologic response after induction chemo-immunotherapy with single or double immune checkpoint inhibition in locally advanced head and neck squamous cell carcinoma (HNSCC): Expansion cohorts of the CheckRad-CD8 trial.
First Author: Markus Hecht
- Board 57 ABSTRACT 6065: Quality of life and two-year results of a randomized phase III study of dysphagia-optimized intensity modulated radiotherapy (DO-IMRT) versus standard IMRT (S-IMRT) in head and neck cancer.
First Author: Christopher Nutting, MD
- Board 58 ABSTRACT 6066: Feasibility and quality of life of postoperative concurrent radiotherapy and toripalimab in elderly patients with head and neck squamous cell carcinoma (IMPORT trial).
First Author: Ximei Zhang, PhD
- Board 59 ABSTRACT 6067: Transoral robotic surgery (TORS)-guided radiotherapy (RT) volume de-intensification in p16-positive unknown primary squamous cell carcinoma (SCC) of the neck: A phase 2 trial (FIND).
First Author: John R. de Almeida, MD
- Board 60 ABSTRACT 6068: Neoadjuvant chemotherapy plus tislelizumab followed by concurrent chemoradiotherapy in patients with locoregionally advanced nasopharyngeal carcinoma: A single-arm, phase II trial.
First Author: Qiu-Yan Chen
- Board 61 ABSTRACT 6069: TPF induction chemotherapy versus PF adjuvant chemotherapy plus concurrent chemoradiotherapy for locoregionally advanced nasopharyngeal carcinoma: A multicenter, randomized controlled, III trial.
First Author: He Qianrong, MD
- Board 62 ABSTRACT 6070: Neoadjuvant nivolumab with or without IDO inhibitor in head and neck squamous cell carcinoma (HNSCC): Final pathologic and clinical outcomes.
First Author: Adam Luginbuhl, MD
- Board 63 ABSTRACT 6071: Six-year follow-up from the weekly-three-weekly study comparing cisplatin once-a-week to once-every-three-weeks as concurrent chemoradiation for locally advanced head and neck squamous cell carcinoma.
First Author: Vanita Noronha, MD
- Board 64 ABSTRACT 6072: Preoperative durvalumab (D) with or without tremelimumab (T) for resectable head and neck squamous cell carcinoma (HNSCC): Updated results with high dimensional profiling of circulating immune cells.
First Author: Chang Gon Kim, MD, PhD
- Board 65 ABSTRACT 6073: Phase III randomized control study evaluating adjuvant metronomic chemotherapy in locally advanced head and neck cancers post-radical chemoradiation (MACE-CTRT).
First Author: Sunil Ramdhan Chopade, DM, MD, DNB, MBBS
- Board 66 ABSTRACT 6074: Recurrence pattern after chemoradiotherapy for HPV-associated oropharyngeal squamous cell carcinoma with respect to induction chemotherapy and escalated radiation dose-results from a prospective randomized phase II study.
First Author: Signe Friesland, MD, PhD
- Board 67 ABSTRACT 6075: Nivolumab-based induction chemoimmunotherapy and PD-L1 expression in locoregionally advanced HPV-associated oropharyngeal squamous cell carcinoma.
First Author: Ari Rosenberg, MD
- Board 68 ABSTRACT 6076: Factors associated with adherence to remote patient monitoring for early detection of dehydration risk during radiation treatment for head and neck cancer.
First Author: Sarah Phillips, BA
- Board 69 ABSTRACT 6077: Outcomes by tobacco history in E3311, a phase II trial of transoral surgery (TOS) followed by pathology-based adjuvant treatment in HPV-associated (HPV+) oropharynx cancer (OPC): A trial of the ECOG-ACRIN Cancer Research Group.
First Author: Ranee Mehra, MD
- Board 70 ABSTRACT 6078: Phase 2 pilot trial of RRx-001 as an anti-mucositis agent in patients with head and neck cancer treated with chemoradiation (PREVLAR).
First Author: Marcelo Raul Bonomi, MD
- Board 71 ABSTRACT 6079: Yatagarasu: A single-arm, open-label, phase 2 study of apalutamide (APA) plus goserelin (GOS) for patients (pts) with far locally advanced or recurrent/metastatic (fLA/RM) and androgen receptor (AR)-expressing salivary gland carcinoma (SGC).
First Author: Yoshitaka Honma, MD
- Board 72 ABSTRACT 6080: Pralsetinib in patients (pts) with advanced or metastatic RET-altered thyroid cancer (TC): Updated data from the ARROW trial.
First Author: Aaron Scott Mansfield, MD
- Board 73 ABSTRACT 6081: Cabozantinib versus placebo in patients (pts) with radioiodine-refractory (RAIR) differentiated thyroid cancer (DTC) who progressed after prior VEGFR-targeted therapy: Outcomes in prespecified subgroups based on histology subtypes.
First Author: Jaume Capdevila, MD, PhD
- Board 74 ABSTRACT 6082: Impact of intensive multimodal treatment on the outcomes of patients with anaplastic thyroid cancer.
First Author: Firas Baidoun, MD, FACP
- Board 75 ABSTRACT 6083: Cabozantinib (C) versus placebo (P) in patients (pts) with radioiodine-refractory (RAIR) differentiated thyroid cancer (DTC) who have progressed after prior VEGFR-targeted therapy: Outcomes in prespecified subgroups based on prior VEGFR-targeted therapy.
First Author: Jorge Hernando, MD, PhD
- Board 76 ABSTRACT 6084: The efficacy and safety of anti-PD-1 antibody toripalimab combined with surufatinib in neoadjuvant treatment of locally advanced thyroid cancer: A phase II study.
First Author: Jiaying Chen
- Board 77 ABSTRACT 6085: A phase II study to evaluate the efficacy and safety of camrelizumab plus famitinib in advanced or metastatic thyroid cancer.
First Author: Dongmei Ji, MD
- Board 78 ABSTRACT 6087: The prevalence and prognostic impact of mutations promoting chromatin remodelling dysregulation in non-resectable or recurrent/metastatic adenoid cystic carcinoma.
First Author: Samuel Rack, MBChB, BSc
- Board 79 ABSTRACT 6088: A pilot study of trametinib in combination with paclitaxel in the treatment of anaplastic thyroid cancer.
First Author: Eric Jeffrey Sherman, MD
- Board 80 ABSTRACT 6089: Phase 2 of trametinib plus radioiodine in RAS-mutant and wild-type, radioiodine-refractory thyroid cancer (ETCTN9446).
First Author: Bharat Burman, MD, PhD
- Board 81 ABSTRACT 6090: Single-cell immune mapping of adenoid cystic carcinoma (ACC) reveals potential therapeutic targets for the aggressive solid subtype.
First Author: Luana Guimaraes de Sousa, MD
- Board 82 ABSTRACT 6091: Efficacy and safety of selpercatinib in RET-altered tumors: A systematic review and meta-analysis.
First Author: Mina Choudhry, MD
- Board 83 ABSTRACT 6092: Prognostic factors in sinonasal cancers: A multicenter pooled analysis.
First Author: Alberto Hernando-Calvo, MD
- Board 84 ABSTRACT 6093: Phase I study of AIC100 in relapsed and/or refractory advanced thyroid cancer and anaplastic thyroid cancer.
First Author: Jing Mei Hsu
- Board 85 ABSTRACT 6094: Self-care for head and neck cancer survivors with lymphedema and fibrosis: A pilot randomized clinical trial.
First Author: Jie Deng, PhD, RN, OCN, FAAN
- Board 86 ABSTRACT 6095: Apatinib versus placebo in patients with locally advanced or metastatic, radioactive iodine-refractory, differentiated thyroid cancer: Post hoc analyses from the REALITY randomized clinical trial.
First Author: Yan-Song Lin, DrPH, MD, PhD

- Board 87 ABSTRACT 6096: The effect of anlotinib on unresectable differentiated thyroid cancer (T4): A retrospective study.
First Author: Xin Wu
- Board 88 ABSTRACT 6097: Circulating tumor DNA profiling and serial analysis in salivary gland carcinomas reveal unique mutational subsets and actionable alterations.
First Author: Jeffery Scott Russell, MD, PhD, MBA
- Board 89a ABSTRACT TPS6098: A phase II/III trial of chemotherapy plus cetuximab versus chemotherapy plus bevacizumab versus atezolizumab plus bevacizumab following progression on immune checkpoint inhibition in recurrent/metastatic head and neck cancers: ECOG-ACRIN EA3202.
First Author: Aarti K. Bhatia, MD, MPH
- Board 89b ABSTRACT TPS6099: TACTI-003: A randomized phase IIb study of eftilagimod alpha (soluble LAG-3 protein) and pembrolizumab as first-line treatment of patients with recurrent or metastatic head and neck squamous cell carcinoma.
First Author: Douglas Adkins, MD
- Board 90a ABSTRACT TPS6100: innovaTV 207: New combination dosing cohorts in the open label phase 2 study of tisotumab vedotin in solid tumors.
First Author: Xiuning Le, MD, PhD
- Board 90b ABSTRACT TPS6101: TIRA study: A phase III, multicenter, randomized controlled study of toripalimab plus radical chemoradiotherapy with or without concurrent cisplatin in patients with high-risk locoregionally advanced nasopharyngeal carcinoma.
First Author: Cheng Xu, MD
- Board 91a ABSTRACT TPS6102: Phase 2 trial of enoblituzumab plus retifanlimab or tebotelimab in first-line treatment of patients (pts) with recurrent or metastatic squamous cell carcinoma of the head and neck (R/M SCCHN).
First Author: Grzegorz Obara, MD
- Board 91b ABSTRACT TPS6103: A phase 1, first-in-human, drug dose-escalation study of RM-1995 photoimmunotherapy, as monotherapy or combined with pembrolizumab, in patients with advanced cutaneous squamous cell carcinoma or with head and neck squamous cell carcinoma.
First Author: David M. Cignetti, MD
- Board 92a ABSTRACT TPS6104: A phase 1/2 trial to evaluate the safety and antitumor activity of tipifarnib and alpelisib for patients with PIK3CA-mutated/amplified and/or HRAS-overexpressing recurrent/metastatic head and neck squamous cell carcinoma.
First Author: Glenn J. Hanna, MD
- Board 92b ABSTRACT TPS6105: A phase II study evaluating the efficacy of niraparib and dostarlimab (TSR-042) in recurrent/metastatic head and neck squamous cell carcinoma.
First Author: Vidhya Karivedu, MD
- Board 93a ABSTRACT TPS6106: Phase 3 randomized study for evaluation of physician's choice treatment and triple metronomic as second-line therapy in head and neck cancer.
First Author: Ashay Karpe, DM, MD, DNB
- Board 93b ABSTRACT TPS6107: A phase 1b/2 study of nanatinostat and valganciclovir in patients with advanced Epstein-Barr virus positive (EBV+) solid tumors and in combination with pembrolizumab in patients with recurrent/metastatic nasopharyngeal carcinoma (RM-NPC).
First Author: A. Dimitrios Colevas, MD
- Board 94a ABSTRACT TPS6108: Phase I trial of the ATR inhibitor BAY 1895344 combined with stereotactic body radiation therapy and pembrolizumab for recurrent head and neck squamous cell carcinoma.
First Author: Yvonne Marie Mowery, MD, PhD
- Board 94b ABSTRACT TPS6109: A pilot study of neoadjuvant cemiplimab with platinum-doublet chemotherapy and cetuximab in patients with resectable, locally advanced head and neck squamous cell carcinoma (HNSCC).
First Author: Lara Dunn, MD
- Board 95a ABSTRACT TPS6110: NANORAY-312: A phase III pivotal study of NBTXR3 activated by investigator's choice of radiotherapy alone or radiotherapy in combination with cetuximab for platinum-based chemotherapy-ineligible elderly patients with locally advanced head and neck squamous cell carcinoma.
First Author: Christophe Le Tourneau, MD, PhD
- Board 95b ABSTRACT TPS6111: A phase II study of pemetrexed and pembrolizumab in recurrent and/or metastatic salivary gland malignancies.
First Author: Katharine Andress Rowe Price, MD
- Board 96a ABSTRACT TPS6112: Abemaciclib in metastatic or locally advanced anaplastic thyroid cancer.
First Author: Vishesh Khanna, MD

Monday, June 6

1:15 PM - 4:15 PM | Hall A

Health Services Research and Quality Improvement

Abstracts on Boards 292-303 will be discussed during the Health Services Research and Quality Improvement Poster Discussion Session.

Posters by Topic

Healthcare Equity/Access to Care: Boards 292-295, 297-300, 304-342

Quality of Care/Quality Improvement: Boards 296, 301-302, 343-359

Real-World Data/Outcomes: Boards 303, 360-371

Value/Cost of Care: Boards 372-383

Trials in Progress: Boards 384a-385b

- Board 292 ABSTRACT 6509: State public welfare spending and racial/ethnic disparities in overall survival among adults with cancer.
First Author: Justin Michael Barnes, MD, MS
- Board 293 ABSTRACT 6510: Racial and ethnic disparities in adherence and reported symptoms during routine collection of patient-reported outcomes (PROs).
First Author: Samuel U. Takvorian, MD
- Board 294 ABSTRACT 6511: Racial and socioeconomic disparities in telemedicine use among US patients initiating cancer treatment during the COVID-19 pandemic.
First Author: Jenny Guadamuz, PhD, MSPH
- Board 295 ABSTRACT 6512: Parental informed consent comprehension in childhood cancer clinical trials: Associations with social determinants of health.
First Author: Paula Aristizabal, MD, MS
- Board 296 ABSTRACT 6513: Analysis of patient (pt) withdrawal of consent using 11,993 pts from 58 alliance for clinical trials in oncology trials.
First Author: Sumithra J. Mandrekar, PhD
- Board 297 ABSTRACT 6514: Neighborhood socioeconomic disadvantage, tobacco use, and cessation indicators among adults with cancer in the United States: Results from 10 ECOG-ACRIN trials.
First Author: Angela Wangari Walter, PhD, MPH, MSW
- Board 298 ABSTRACT 6515: Breast cancer screening in persons experiencing homelessness.
First Author: Sarah S. Kilic, MD
- Board 299 ABSTRACT 6516: Associations between interpersonal violence and cancer risk factors for transgender and cisgender people.
First Author: Ash B. Alpert, MD, MFA
- Board 300 ABSTRACT 6517: A case-control study of healthcare disparities in sex and gender minority patients with breast cancer.
First Author: Erik Eckhert, MD, MS
- Board 301 ABSTRACT 6518: Validity and efficiency of progression-free survival (PFS)-2 as a surrogate endpoint for overall survival (OS) in advanced cancer.
First Author: Rachel Woodford
- Board 302 ABSTRACT 6519: Is health-related quality of life (HRQoL) reporting keeping pace with new drug approvals in hematology and oncology: A five-year analysis of 245 drug approvals.
First Author: Medhavi Gupta, MD
- Board 303 ABSTRACT 6520: Real-world progression-free survival (rwPFS) and time to next line of therapy (TTNT) as intermediate endpoints for survival in metastatic breast cancer: A real-world experience.
First Author: Chris Labaki, MD
- Board 304 ABSTRACT 6521: Representation of women in clinical trials supporting the FDA-approval of contemporary anticancer therapies.
First Author: Melissa A. Babcook
- Board 305 ABSTRACT 6522: Impact of travel burden on overall survival in patients with lung cancer.
First Author: Dragomir Svetozarov Stoyanov
- Board 306 ABSTRACT 6523: Disparities in speed to BMT consult and allograft in 279 adults with AML.
First Author: Warren Benjamin Fingrut
- Board 307 ABSTRACT 6524: Survival among patients with multiple myeloma in the U.S. military health system compared to the Surveillance, Epidemiology, and End Results (SEER) program.
First Author: Alexander Dew, DO
- Board 308 ABSTRACT 6525: Overall cancer survival inequalities in the state of São Paulo: A comparison between public and private systems.
First Author: Bruno Casaes Teixeira
- Board 309 ABSTRACT 6526: Impact of equal access by race and ethnicity on patients in the Veterans Health Administration (VHA) treated for diffuse large B-cell lymphoma (DLBCL).
First Author: Snegha Ananth, MD

- Board 310 ABSTRACT 6527: Saving TIME: Accuracy of a text intervention to minimize the time burden of cancer care.
First Author: Erin Mary Bange, MD
- Board 311 ABSTRACT 6528: Financial toxicity in Hispanic cancer survivors: A nationally representative pancancer analysis.
First Author: Nishwant Swami, MPH
- Board 312 ABSTRACT 6529: Analysis of demographic characteristics and disparities of enrollment in cancer clinical research at the U.S. National Cancer Institute (NCI): A 15-year experience.
First Author: Nirmal Choradia, MD
- Board 313 ABSTRACT 6530: Availability of data for screening, offering, and consenting patients to cancer clinical trials: Report from an ASCO-ACCC collaboration.
First Author: Alice R. Pressman, PhD, MS
- Board 314 ABSTRACT 6531: Are pivotal clinical trials for lymphomas that led to drug approval representative of the population affected by these diseases?
First Author: Mycal Casey, DO, MPH
- Board 315 ABSTRACT 6532: Overcoming barriers to tumor genomic profiling through direct patient social media outreach.
First Author: Seyram Adjoa Doe-Tetteh
- Board 316 ABSTRACT 6533: Cost of consent document (CD) translation is a potential barrier to consenting limited English-proficient participants (LEPPs) in non-industry-sponsored studies (NISS).
First Author: Maria A. Velez, MD
- Board 317 ABSTRACT 6534: Association of U.S. county social vulnerability with cancer mortality.
First Author: Akhil Mehta, DO, MPH
- Board 318 ABSTRACT 6535: Feasibility of systematic screening for unmet social determinants of health (SDoH) needs and associated resource utilization in ambulatory oncology.
First Author: Ashley Odai-Afotey, MD
- Board 319 ABSTRACT 6536: Incidental pulmonary nodules, lung cancer screening, and lung cancer in the Medicare population.
First Author: Raymond U. Osarogiagbon, MBBS, FACP
- Board 320 ABSTRACT 6537: Population-based impact of rurality and neighborhood-level socioeconomic disadvantage on pediatric cancer mortality in Washington State.
First Author: Timothy James Daeun Ohlsen, MD
- Board 321 ABSTRACT 6538: Cancer risk factors and cancer in transgender versus cisgender people: Real-world data from a tertiary health care institution.
First Author: Ash B. Alpert, MD, MFA
- Board 322 ABSTRACT 6539: Theory-guided assessment of barriers and facilitators to adequate informed consent for childhood cancer clinical trials: Using the Exploration, Preparation, Implementation, Sustainment (EPIS) framework.
First Author: Paula Aristizabal, MD, MS
- Board 323 ABSTRACT 6540: Racial/ethnic disparities in serious illness communication for patients with cancer.
First Author: Julia L. Frydman, MD
- Board 324 ABSTRACT 6541: Health literacy in patients with cancer: A multicenter national study.
First Author: Elena Paillaud, MD, PhD
- Board 325 ABSTRACT 6542: Bringing experimental therapeutics clinical trials network (ETCTN) to underrepresented population.
First Author: Joaquina Celebre Baranda, MD
- Board 326 ABSTRACT 6543: Representativeness of patients enrolled in the Lung Cancer Master Protocol (Lung-MAP).
First Author: Riha Vaidya, PhD
- Board 327 ABSTRACT 6544: Racial disparities in receipt of guideline-concordant care for early-onset colorectal cancer in the U.S.
First Author: Leticia M. Nogueira, PhD, MPH
- Board 328 ABSTRACT 6545: Use of modernized eligibility criteria in pancreatic cancer clinical trials.
First Author: Andrea N. Riner, MD
- Board 329 ABSTRACT 6546: Concrete resource needs and frailty among older adults with cancer: The Cancer and Aging Resilience Evaluation (CARE) Registry.
First Author: Grant Richard Williams, MD, MPH
- Board 330 ABSTRACT 6547: A multilevel intervention increased accrual of Native Hawaiians and other Pacific Islanders to a national breast cancer screening trial.
First Author: Srue Wakuk, BA
- Board 331 ABSTRACT 6548: Improving access to cancer genetic testing for underserved women in southeast Texas.
First Author: Darya Aleksandrovna Kizub, MD
- Board 332 ABSTRACT 6549: Impact of depression among adolescents and young adults with cancer.
First Author: Edmund Men Qiao, BS
- Board 333 ABSTRACT 6550: Disparities in delayed diagnosis, access to treatment, and treatment delays among Hispanic men with metastatic prostate cancer.
First Author: Nishwant Swami, MPH
- Board 334 ABSTRACT 6551: Variation of use of targeted therapies and molecular diagnostic testing by practice type for non-small cell lung cancer and colorectal cancer.
First Author: Thomas Roberts, MD, MBA
- Board 335 ABSTRACT 6552: Medicare expenditures for discarded oncology therapies.
First Author: Caleb Scheckel, DO
- Board 336 ABSTRACT 6553: Rural-urban disparities in cancer mortality in the United States from 1999 to 2019.
First Author: Syed Hussaini, MD, MS
- Board 337 ABSTRACT 6554: The role of rurality in cancer treatment disruptions among patients with cancer diagnosed with SARS-CoV-2: An analysis of the ASCO Survey on COVID-19 in Oncology Registry.
First Author: Jessica Yasmine Islam, PhD, MPH
- Board 338 ABSTRACT 6555: Access to definitive treatment and survival for intermediate-risk and high-risk prostate cancer at hospital systems serving health disparity populations.
First Author: Muhieddine Labban, MD
- Board 339 ABSTRACT 6556: Racial/ethnic disparities of cancer treatment disruptions among patients with breast cancer with SARS-CoV-2 infection: An analysis of the ASCO Survey on COVID-19 in Oncology Registry.
First Author: Jessica Yasmine Islam, PhD, MPH
- Board 340 ABSTRACT 6557: Rural disparities in oncology patient portal enrollment and use.
First Author: Bonny Morris, PhD, MSPH, RN
- Board 341 ABSTRACT 6558: Relationship of travel distance with patient demographics, advance care planning, and survival in early-phase clinical trials (EP-CTs).
First Author: Sienna Durbin, MD
- Board 342 ABSTRACT 6559: Racial disparities in diagnostic follow-up following birads 0 mammogram.
First Author: Ritika Manik, BS
- Board 343 ABSTRACT 6560: Disparity of treatment-related adverse events and outcome in patients with early-onset metastatic colorectal cancer (mCRC).
First Author: Lingbin Meng, MD, PhD
- Board 344 ABSTRACT 6561: Reducing oncology readmissions through a multidisciplinary discharge approach.
First Author: Samantha DiBenedetto
- Board 345 ABSTRACT 6562: Acceptability of a machine learning-powered clinical decision support system aiding serious illness conversation and its impact on clinical outcomes: A pilot study.
First Author: Teja Ganta, MD
- Board 346 ABSTRACT 6563: Updated health-related quality of life of patients with TRK-fusion cancer treated with larotrectinib in clinical trials.
First Author: Shivaani Kummar, MD, FACP
- Board 347 ABSTRACT 6564: Readmission risk identification: Implementation of a patient-centered interview.
First Author: Raquel E. Reinbolt, MD
- Board 348 ABSTRACT 6565: Implementing proven methods in a community-based health system to improve breast cancer screening rates during the COVID-19 pandemic.
First Author: Celine Fadel, DO
- Board 349 ABSTRACT 6566: Evaluation of inpatient chemotherapy among patients with cancer.
First Author: Giulia Petrone, MD
- Board 350 ABSTRACT 6567: Lisocabtagene maraleucel (liso-cel) as second-line (2L) treatment (tx) for R/R large B-cell lymphoma (LBCL) in patients (pt) not intended for hematopoietic stem cell transplantation (HSCT): Patient-reported outcomes (PRO) from the phase 2 PILOT study.
First Author: Leo I. Gordon, MD
- Board 351 ABSTRACT 6568: Polypharmacy and premature aromatase inhibitor (AI) discontinuation in older women with breast cancer.
First Author: Elizabeth Joyce
- Board 352 ABSTRACT 6569: When and how to deliver oncology supportive care resources: An adolescent and young adult perspective.
First Author: Betty Roggenkamp, MS

- Board 353 ABSTRACT 6570: Changes in Functional Assessment of Cancer Therapy: General (FACT-G) to predict treatment response and survival outcomes in patients with metastatic gastrointestinal (GI) cancer.
First Author: Joy X. Jarnagin, BA
- Board 354 ABSTRACT 6571: Physician awareness of immune-related adverse events from checkpoint inhibitors.
First Author: Ahmed Bilal Khalid, MBBS
- Board 355 ABSTRACT 6572: Implementation of a precision medicine thoracic (PREDICT) service using reflex testing in a large academic-community practice network.
First Author: Debora S. Bruno, MD, MS
- Board 356 ABSTRACT 6573: Association of modifiable factors with financial burden and health literacy among patients with cancer.
First Author: Betina Yanez, PhD
- Board 357 ABSTRACT 6574: Standardized documentation of advanced care planning to facilitate goal-concordant care in a large gynecologic oncology practice.
First Author: Pamela T. Soliman, MD
- Board 358 ABSTRACT 6575: Next-generation sequencing (NGS): How often is testing performed too late?
First Author: Meena Sadaps, MD
- Board 359 ABSTRACT 6576: An examination of translated content on NCI-designated cancer websites with a focus on breast and colorectal cancer.
First Author: Minira Aslanova, DO
- Board 360 ABSTRACT 6578: Contemporary real-world associations between performance status and clinical outcomes in patients with cancer: A retrospective cohort study.
First Author: Deepika Kumar
- Board 361 ABSTRACT 6579: Overall survival (OS) of patients with TRK fusion-positive cancer receiving larotrectinib versus standard of care (SoC): A matching-adjusted indirect comparison (MAIC) using real-world data (RWD).
First Author: Carsten Bokemeyer, MD
- Board 362 ABSTRACT 6580: Real-world trends of PARPi maintenance treatment uptake and progression-free survival (PFS) in patients (pts) with newly diagnosed advanced ovarian cancer (AOC) in the United States.
First Author: John K. Chan, MD
- Board 363 ABSTRACT 6581: Changes in cancer-related mortality during the COVID-19 pandemic in the United States.
First Author: Jingxuan Zhao, MPH
- Board 364 ABSTRACT 6582: Frailty status derived from the electronic medical record to predict survival and health care utilization in veterans with lung and gastrointestinal cancers.
First Author: Sudha Yarlagadda, MD
- Board 365 ABSTRACT 6583: What is driving declines in oncology-prescribed opioids?
First Author: Tarlise Townsend, PhD
- Board 366 ABSTRACT 6584: Analysis of genomic alterations and treatment landscape in patients with advanced tumors using real-world data for precision oncology.
First Author: Kubra Karagoz, PhD
- Board 367 ABSTRACT 6585: Persistent high-risk opioid use in lymphoma survivors following treatment.
First Author: Katherine Ann Stafford, MBBS, MPH
- Board 368 ABSTRACT 6586: Time at home among older adults with acute myeloid leukemia based on treatment intensity: A SEER-Medicare analysis.
First Author: Daniel R. Richardson, MD, MA
- Board 369 ABSTRACT 6588: Do publicly available OncoGenomic databases represent the population? A comparative analysis.
First Author: Danielle Brazel
- Board 370 ABSTRACT 6589: Real-world utilization and comparative effectiveness of treatment options in cancer-associated thrombosis: A propensity score weighed analysis.
First Author: Irbaz Bin Riaz, MBBS, MS
- Board 371 ABSTRACT 6590: Comparison of outcomes for Hispanic and non-Hispanic patients with advanced renal cell carcinoma in the International Metastatic Renal Cell Carcinoma Database.
First Author: Kripa Guram, MD
- Board 372 ABSTRACT 6591: Cost effectiveness of reduced intensity conditioning and transplantation of unrelated umbilical cord blood versus HLA haploidentical related bone marrow for adults with hematologic malignancies.
First Author: Lotte Maria Gertruda Steuten, PhD, MSc

- Board 373 ABSTRACT 6592: A quantitative analysis of escalating antineoplastic medication price increases.
First Author: Michail Alevizakos, MD
- Board 374 ABSTRACT 6593: Cost effectiveness of adjuvant olaparib for BRCA-mutated, early-stage breast cancer.
First Author: Christie Zettler, MPH
- Board 375 ABSTRACT 6594: Trends in low-value oncology care during the COVID-19 pandemic.
First Author: Ravi Bharat Parikh, MD, MPP
- Board 376 ABSTRACT 6595: Systematic performance status assessment by primary care providers in patients with advanced cancer and its impact on referral to palliative care and cost in a value-based practice.
First Author: Roberto Enrique Ochoa, MD
- Board 377 ABSTRACT 6596: The financial toxicity order set: A simple intervention to better connect patients with resources.
First Author: Bridgette Thom, PhD
- Board 378 ABSTRACT 6597: Longitudinal changes in financial burden in patients with colorectal cancer treated with curative intent: Primary results of EAQ162CD.
First Author: Sheetal Mehta Kircher, MD
- Board 379 ABSTRACT 6598: National trends in post-launch cancer prescription drug prices and the impact of generic entry, 2014-2020.
First Author: Danielle Rodin, MD, MPH, FRCPC
- Board 380 ABSTRACT 6599: Cost-effectiveness of adjuvant chemotherapy for patients with high-risk stage II and stage III colon cancer in South Africa.
First Author: Yoanna S. Pumpalova, MD
- Board 381 ABSTRACT 6600: Oncologist consideration of patient health insurance coverage and out-of-pocket costs for genomic testing in treatment decision.
First Author: Kewei Shi, MPH
- Board 382 ABSTRACT 6601: Price variability of pembrolizumab in New York City from 2016-2021.
First Author: Syed Hussaini, MD, MS
- Board 383 ABSTRACT 6602: Self-reported financial difficulties among patients with multiple myeloma and chronic lymphocytic leukemia: An Alliance for Clinical Trials in Oncology study.
First Author: Rena M. Conti, PhD
- Board 384a ABSTRACT TPS6603: A randomized study to measure and enhance the health-related quality of life in patients with cancer receiving immune checkpoint modulators (ME-Q).
First Author: Marcos Aurelio Fonseca Magalhaes Filho, MD
- Board 384b ABSTRACT TPS6604: Assessment of adolescent and young adult oncology patient and provider perspectives in Philadelphia (AYA-4P).
First Author: Christopher Terry, MD
- Board 385a ABSTRACT TPS6605: Implementation of the Avera/Sema4 oncology and analytics protocol (ASAP).
First Author: Casey B. Williams, PharmD, MBA, BCOP
- Board 385b ABSTRACT TPS6606: NHS-Galleri Trial Design: Equitable study recruitment tactics for targeted population-level screening with a multi-cancer early detection (MCED) test.
First Author: Charles Swanton, MD, PhD, FCRP

Monday, June 6

1:15 PM - 4:15 PM | Hall A

Melanoma/Skin Cancers

Abstracts on Boards 103-113 will be discussed during the Melanoma/Skin Cancers Poster Discussion Session.

Posters by Topic

Advanced Disease: Boards 103-111, 113-154

Biologic Correlates: Boards 155-161

Local-Regional: Boards 112, 162-176

Other: Boards 177-181

Trials in Progress: Boards 182a-193b

- Board 103 ABSTRACT LBA9509: Isolated hepatic perfusion as a treatment for uveal melanoma liver metastases, first results from a phase III randomized controlled multicenter trial (the SCANDIUM trial).
First Author: Roger Olofsson Bagge, MD, PhD
- Board 104 ABSTRACT 9510: FOCUS phase 3 trial results: Percutaneous hepatic perfusion (PHP) with melphalan for patients with ocular melanoma liver metastases (PHP-OCM-301/301A).
First Author: Jonathan S. Zager, MD

- Board 105 ABSTRACT 9511: First interim analysis of the SirTac trial: A randomized phase II study of SIRT and DSM-TACE in patients with liver metastases from uveal melanoma.
First Author: Caroline-Anna Anna Peuker, MD
- Board 106 ABSTRACT 9512: Toripalimab plus axitinib versus toripalimab or axitinib alone in patients with treatment-naïve unresectable or metastatic mucosal melanoma: Interim results from a randomized, controlled, phase II trial.
First Author: Chuanliang Cui, MD
- Board 107 ABSTRACT 9513: AMBER parts 1c and 1e: A phase 1 study of cobolimab plus dostarlimab in patients (pts) with advanced/metastatic melanoma.
First Author: Antoni Ribas, MD, PhD
- Board 108 ABSTRACT 9514: Phase II study of nivolumab (nivo) with relatlimab (rela) in patients (pts) with first-line advanced melanoma: Early on-treatment major pathologic response on biopsy.
First Author: Lilit Karapetyan, MD
- Board 109 ABSTRACT 9516: Pembrolizumab (pembro) plus dabrafenib (dab) and trametinib (tram) in BRAFV600E/K-mutant melanoma: Long-term follow-up of KEYNOTE-022 parts 1, 2, and 3.
First Author: Antoni Ribas, MD, PhD
- Board 110 ABSTRACT 9517: Newly updated activity results of alrizomadlin (APG-115), a novel MDM2/p53 inhibitor, plus pembrolizumab: Phase 2 study in adults and children with various solid tumors.
First Author: Meredith McKean, MD
- Board 111 ABSTRACT 9518: Primary analysis of a phase 2, open-label, multicenter trial of talimogene laherparepvec (T-VEC) plus pembrolizumab (pembro) for the treatment (Tx) of patients (pts) with advanced melanoma (MEL) who progressed on prior anti-PD-1 therapy: MASTERKEY-115.
First Author: Brian Gastman, MD
- Board 112 ABSTRACT 9519: Long-term outcomes of a phase II trial of neoadjuvant immunotherapy for advanced, resectable cutaneous squamous cell carcinoma of the head and neck (CSCC-HN).
First Author: Neil D. Gross, MD
- Board 113 ABSTRACT 9520: Immunotherapy followed by cetuximab in locally advanced/metastatic (LA/M) cutaneous squamous cell carcinomas (cSCC): The I-TACKLE trial.
First Author: Paolo Bossi, MD
- Board 114 ABSTRACT 9521: A retrospective study of ipilimumab plus nivolumab in anti-PD-L1/PD-1-refractory merkel cell carcinoma.
First Author: Sophia Z. Shalhout, PhD
- Board 115 ABSTRACT 9522: Long-term survival in advanced melanoma for patients treated with nivolumab plus ipilimumab in CheckMate 067.
First Author: F. Stephen Hodi, MD
- Board 116 ABSTRACT 9523: Androgen receptor blockade promotes response to BRAF/MEK-targeted therapy.
First Author: Michael White, MD, MSc
- Board 117 ABSTRACT 9524: Tumor mutational burden (TMB) in immune checkpoint inhibitor (ICI)-naïve and -experienced patients with metastatic melanoma treated with lifileucel, a tumor-infiltrating lymphocyte (TIL) cell therapy.
First Author: Harriet M. Kluger, MD
- Board 118 ABSTRACT 9525: Atezolizumab plus bevacizumab in patients with unresectable or metastatic mucosal melanoma: A multicenter, open-label, single-arm phase 2 study.
First Author: Lili Mao, MD
- Board 119 ABSTRACT 9526: Encorafenib plus binimetinib in patients with locally advanced, unresectable, or metastatic BRAFV600-mutant melanoma: Updated data from the multicenter, multinational, prospective, non-interventional longitudinal study BERINGMELANOMA.
First Author: Erika Richtig
- Board 120 ABSTRACT 9527: Dabrafenib (D) and trametinib (T) plus spartalizumab (S) in patients (pts) with previously untreated BRAF V600-mutant unresectable or metastatic melanoma: Three-year overall survival (OS) data from the randomized part 3 of the phase III COMBI-i trial.
First Author: Reinhard Dummer, MD
- Board 121 ABSTRACT 9528: Efficacy and safety of nivolumab for locally advanced or metastatic cutaneous cell carcinoma (NIVOSQUACS trial).
First Author: Roland Lang
- Board 122 ABSTRACT 9529: Efficacy of immune checkpoint inhibitor (ICI) rechallenge in advanced melanoma patients responders to a first course of ICI: A multicenter, national, retrospective study of the French group of skin cancers (GCC).
First Author: Charlee Nardin, MD
- Board 123 ABSTRACT 9530: Characterization of patients with metastatic melanoma that relapses following complete metabolic response from anti-PD-1 therapy.
First Author: Vincent T. Ma, MD
- Board 124 ABSTRACT 9531: Progression and mortality post-immunotherapy discontinuation among patients with BRAFV600-mutant (BRAF+) metastatic melanoma.
First Author: Sunandana Chandra, MD
- Board 125 ABSTRACT 9532: Real-world evaluation of the association between baseline metastatic patterns and clinical outcomes among patients with BRAF-positive metastatic melanoma.
First Author: Zeynep Eroglu, MD
- Board 126 ABSTRACT 9533: Fecal microbiota transplantation followed by anti-PD-1 treatment in patients with advanced melanoma.
First Author: Wilson H. Miller Jr., MD, PhD
- Board 127 ABSTRACT 9534: Outcomes of combined ipilimumab/nivolumab in metastatic uveal melanoma: A prevalence meta-analysis.
First Author: Ceren Durer
- Board 128 ABSTRACT 9535: Phase II study SECOMBIT (sequential combo immuno and target therapy study): A subgroup analysis with a longer follow-up.
First Author: Paolo Antonio Ascierto, MD
- Board 129 ABSTRACT 9536: Autoantibodies as potential biomarkers of immune-related adverse events in patients with advanced cutaneous melanoma treated with immune checkpoint inhibitors.
First Author: Aesha Gandhi, MBBS (hons), BSc (hons)
- Board 130 ABSTRACT 9537: Efficacy and safety of cosibelimab, an anti-PD-L1 antibody, in patients with metastatic cutaneous squamous cell carcinoma.
First Author: Philip R. Clingan, FRACP
- Board 131 ABSTRACT 9538: Anti-LAG-3 antibody LBL-007 in combination with toripalimab in patients with unresectable or metastatic melanoma: A phase I, open-label, multicenter, dose escalation/expansion study.
First Author: Xue Bai, MD
- Board 132 ABSTRACT 9539: The interferon-gamma (IFN-γ) signature from baseline tumor material predicts pathologic response after neoadjuvant ipilimumab (IPI) + nivolumab (NIVO) in stage III melanoma.
First Author: Irene L.M. Reijers, MD
- Board 133 ABSTRACT 9540: EMRseq: Registry-based outcome analysis on 1,000 patients with BRAF V600-mutated metastatic melanoma in Europe treated with either immune checkpoint or BRAF-/MEK inhibition.
First Author: Michael Weichenthal, MD
- Board 134 ABSTRACT 9541: Meta-analysis of randomized phase II-III trials evaluating triplet combinations of immunotherapy and targeted therapy for BRAF V600-mutant unresectable or metastatic melanoma.
First Author: Pier Francesco Ferrucci, MD
- Board 135 ABSTRACT 9542: The prognostic impact of immune-related adverse events in real-world patients with metastatic melanoma treated with single-agent and combination immune checkpoint blockade.
First Author: Alexander Watson, MD, DPhil
- Board 136 ABSTRACT 9543: Metabolic complete responses (mCR) in patients with metastatic uveal melanoma (mUM) treated with image-guided injection (IGI) of PV-10.
First Author: Krysta McVay, RN
- Board 137 ABSTRACT 9544: Better (a little) late than never: The impact of steroidal treatment initiation timing on the outcome of patients with melanoma treated with immunotherapy.
First Author: Nethanel Asher, MD
- Board 138 ABSTRACT 9545: Glycoproteomics as a powerful liquid biopsy-based predictor of checkpoint inhibitor treatment benefit in metastatic malignant melanoma.
First Author: Klaus Lindpaintner, MD, MPH
- Board 139 ABSTRACT 9546: Management of checkpoint inhibitor toxicity and survival in patients with advanced melanoma.
First Author: Olivier Jules van Not, MD
- Board 140 ABSTRACT 9547: Overall survival (OS) with first-line atezolizumab (A) or placebo (P) in combination with vemurafenib (V) and cobimetinib (C) in BRAFV600 mutation-positive advanced melanoma: Second interim OS analysis of the phase 3 IMspire150 study.
First Author: Grant A. McArthur, MBBS, PhD, FRACP
- Board 141 ABSTRACT 9548: Efficacy and safety of sequencing with vemurafenib (V) plus cobimetinib (C) followed by atezolizumab (Atezo) in patients (pts) with advanced BRAFV600-positive melanoma: Interim analysis of the ImmunoCobiVem study.
First Author: Dirk Schadendorf, MD
- Board 142 ABSTRACT 9549: Merkel polyoma virus specific T-cell receptor transgenic T-cell therapy in PD-1 inhibitor refractory Merkel cell carcinoma.
First Author: Joshua Veatch, MD, PhD

- Board 143 ABSTRACT 9550: Camrelizumab plus apatinib for patients with advanced mucosal melanoma: A prospective single-arm study.
First Author: Zhengyun Zou
- Board 144 ABSTRACT 9551: Analysis of overall survival (OS) and relapse-free-survival (RFS) in the phase 1b clinical trial of anti-PD-1 ab (toripalimab) plus intralesional injection of OrienX010 in stage IV melanoma with liver metastases.
First Author: Chuanliang Cui, MD
- Board 145 ABSTRACT 9552: IMPemBra, a phase 2 study comparing pembrolizumab with intermittent/short term dual MAPK pathway inhibition plus pembrolizumab in patients with melanoma harboring the BRAFV600 mutation: Three-year survival data and translational analyses.
First Author: Elisa A. Rozeman, MD
- Board 146 ABSTRACT 9553: Updated results from the skin cancer cohorts from an ongoing phase 1/2 multicohort study of RP1, an enhanced potency oncolytic HSV, combined with nivolumab (IGNYTE).
First Author: Mohammed M. Milhem, MD
- Board 147 ABSTRACT 9554: A phase II study to evaluate the safety and efficacy of IMM-101 in combination with checkpoint inhibitors in patients with advanced melanoma: Final results of the IMM-101-015 trial.
First Author: Alberto Fusi
- Board 148 ABSTRACT 9555: Clinical predictors of longer survival in patients with BRAFV600-mutated metastatic melanoma receiving immunotherapy prior to BRAF/MEK inhibition in the metastatic setting.
First Author: Adriana Matutino Kahn, MD
- Board 149 ABSTRACT 9556: Efficacy and tolerance of systemic therapies in metastatic melanoma of unknown primary versus known cutaneous: A multicenter retrospective study from the MelBase French Cohort.
First Author: Perrine Rousset
- Board 150 ABSTRACT 9557: Prophylactic lymphaticovenous bypass performed during complete lymphadenectomy is oncologically safe.
First Author: Cagri Cakmakoglu, MD
- Board 151 ABSTRACT 9558: Preferences for adjuvant immunotherapy in patients with resected stage III melanoma: A discrete choice experiment.
First Author: Ann Livingstone
- Board 152 ABSTRACT 9559: Early quality of life (QOL) and symptom analysis from the DREAMseq phase III randomized control trial of combination immunotherapy versus targeted therapy in patients (pts) with BRAF-mutant metastatic melanoma (MM) (ECOG-ACRIN EA6134).
First Author: Roxanne E. Jensen, PhD
- Board 153 ABSTRACT 9560: Safety and efficacy of combined melphalan percutaneous hepatic perfusion (M-PHP) and ipilimumab plus nivolumab (IPI+NIVO) in metastasized uveal melanoma (mUM): First results of the phase Ib part of the CHOPIN trial.
First Author: Thaïs M.L. Tong, MD, MSc
- Board 154 ABSTRACT 9561: A phase 1b/2a study of safety and efficacy of NT-17 in combination with anti-PD-L1 (atezolizumab) in patients with anti-PD-1/PD-L1 naïve or relapsed/refractory (R/R) high-risk skin cancers: The phase 1b report.
First Author: Brian Gastman, MD
- Board 155 ABSTRACT 9562: Distinct mutational landscapes characterize melanomas metastatic to different anatomical sites.
First Author: Mahesh Y. Iddawela, MBBS, PhD, FRACP
- Board 156 ABSTRACT 9563: Adjuvant dabrafenib plus trametinib (D + T) versus placebo in patients with resected stage III BRAFV600-mutant melanoma: Updated 5-year distant metastases-free survival (DMFS) analysis of COMBI-AD.
First Author: Dirk Schadendorf, MD
- Board 157 ABSTRACT 9564: Prognostic significance of the CP-GEP assay combining clinicopathologic factors and gene expression profiling in patients (pts) with AJCC v8 stage I/II cutaneous melanoma (CM).
First Author: Teresa Maria Santos Amaral, MD
- Board 158 ABSTRACT 9565: Immune profiling of metastatic uveal melanoma and response to immune checkpoint inhibitors.
First Author: Yusra F. Shao, MD
- Board 159 ABSTRACT 9566: The relationship between circulating tumor DNA with Merkel cell carcinoma tumor burden and detection of recurrence.
First Author: Tomoko Akaike, MD
- Board 160 ABSTRACT 9567: Plasma methylated DNA markers of cutaneous melanoma: Association with PET/CT-positive disease.
First Author: Alexander Meves, MD, MBA
- Board 161 ABSTRACT 9568: The effect of the microbiome on immune checkpoint inhibitor toxicity in patients with melanoma.
First Author: Nyelia Williams
- Board 162 ABSTRACT 9569: The efficacy of immune checkpoint blockade for melanoma in-transit with or without nodal metastases: A multicenter cohort study.
First Author: Roger Olofsson Bagge, MD, PhD
- Board 163 ABSTRACT 9570: Multicenter real-world data of adjuvant treatment and disease outcome of patients with melanoma with high-risk of recurrence.
First Author: Elisabeth Livingstone, MD
- Board 164 ABSTRACT 9571: Use of Merlin Assay to identify patients with a low-risk for SN metastasis in a prospective multicenter Dutch study of a primary melanoma gene-signature (CP-GEP model) to predict sentinel node status during COVID-19.
First Author: Robert Stassen
- Board 165 ABSTRACT 9572: Survival update of neoadjuvant ipilimumab + nivolumab in macroscopic stage III melanoma: The OpACIN and OpACIN-neo trials.
First Author: Judith M. Versluis, MD
- Board 166 ABSTRACT 9573: SALVO: Single-arm trial of ipilimumab and nivolumab as adjuvant therapy for resected mucosal melanoma.
First Author: Lisa A. Kottschade, APRN, CNP, MSN
- Board 167 ABSTRACT 9574: Primary ipilimumab/nivolumab followed by adjuvant nivolumab in patients with locally advanced or oligometastatic melanoma: Update on outcome.
First Author: Emilia Cocorocchio, MD
- Board 168 ABSTRACT 9575: Efficacy and safety of “second adjuvant” therapy with BRAF/MEK inhibitors after resection of recurrent melanoma following adjuvant PD-1–based immunotherapy.
First Author: Amelia M. Taylor, MBBS, FRACP
- Board 169 ABSTRACT 9576: A single-center experience of 98 patients (pts) with regionally metastatic Merkel cell carcinoma (MCC) of known (MCCKP) and unknown (MCCUP) primary at presentation.
First Author: Brandon Cope
- Board 170 ABSTRACT 9577: Adjuvant treatment of in-transit melanoma: Addressing the knowledge gap left by clinical trials.
First Author: Melissa Melanie de Meza, MD
- Board 171 ABSTRACT 9578: Adjuvant temozolomide plus cisplatin versus high-dose interferon alpha-2b in resected mucosal melanoma: A randomized, multicenter, controlled, phase III trial.
First Author: Bin Lian, MD, BS
- Board 172 ABSTRACT 9579: Leveraging personalized circulating tumor DNA (ctDNA) for detection and monitoring of molecular residual disease in high-risk melanoma.
First Author: Sofia Genta, MD
- Board 173 ABSTRACT 9580: Neoadjuvant dabrafenib and trametinib (D+T) for stage III melanoma: Long-term results from the NeoCombi trial.
First Author: Alexander M. Menzies, MBBS, PhD, FRACP
- Board 174 ABSTRACT 9581: Health-related quality of life (HRQoL) with pembrolizumab (pembro) in resected high-risk stage II melanoma in the phase 3 KEYNOTE-716 study.
First Author: Muhammad Adnan Khattak
- Board 175 ABSTRACT 9582: Successful management of Australian patients with extensive skin field cancerization (ESFC) with widefield volumetric arc radiation therapy (VMAT): Report with 12-month follow-up.
First Author: Walter J. Curran
- Board 176 ABSTRACT 9583: Sentinel lymph node biopsy in Merkel cell carcinoma: A multi-institutional study from the Pan-Canadian Merkel Cell Collaborative.
First Author: Megan Delisle, MD, MPH, MSc
- Board 177 ABSTRACT 9584: Analysis of the effect of systemic corticosteroids on survival from tebentafusp in a phase 3 trial of metastatic uveal melanoma.
First Author: Alexandra Ikeguchi, MD
- Board 178 ABSTRACT 9585: Treatment with tebentafusp beyond radiographic progressive disease (PD) in metastatic uveal melanoma (mUM).
First Author: Ryan J. Sullivan, MD
- Board 179 ABSTRACT 9586: Randomized phase II study of adjuvant sunitinib or valproic acid in high-risk patients with uveal melanoma: The final analysis of cohort 1.
First Author: Rino S. Seedor, MD
- Board 180 ABSTRACT 9587: The association between mediators of the receptor for advanced glycation end product (RAGE) axis and immune checkpoint inhibitor (ICI)–induced colitis in patients with melanoma.
First Author: Morgan Simons, MD
- Board 181 ABSTRACT 9588: A qualitative exploration of melanoma awareness and prevention among Latinx and non-Latinx White populations in urban and rural California.
First Author: Susan M. Swetter, MD

Board 182a

ABSTRACT TPS9589: Randomized phase 3 trial of IO102-IO103 plus pembrolizumab versus pembrolizumab alone in patients with previously untreated, unresectable, or metastatic melanoma.
First Author: Inge Marie Svane, MD, PhD

Board 182b

ABSTRACT TPS9590: First-in-human clinical trial of an oncolytic adenovirus armed with TNFa and IL-2 in patients with advanced melanoma receiving adoptive cell transfer of tumor-infiltrating lymphocytes.
First Author: Inge Marie Svane, MD, PhD

Board 183a

ABSTRACT TPS9591: A phase II study of biomarker-driven early discontinuation of anti-PD-1 therapy in patients with advanced melanoma (PET-Stop): ECOG-ACRIN EA6192.
First Author: Geoffrey Thomas Gibney, MD

Board 183b

ABSTRACT TPS9592: C-POST protocol update: A phase 3, randomized, double-blind study of adjuvant cemiplimab versus placebo post-surgery and radiation therapy (RT) in patients (pts) with high-risk cutaneous squamous cell carcinoma (CSCC).
First Author: Danny Rischin, MD

Board 184a

ABSTRACT TPS9593: A randomized, controlled, open-label, phase 2 study of cemiplimab ± RP1 in patients with advanced cutaneous squamous cell carcinoma (CERPASS).
First Author: Andrew Mark Haydon, MD

Board 185b

ABSTRACT TPS9594: DELTA-1: A global, multicenter, phase 2 study of ITIL-168, an unrestricted autologous tumor-infiltrating lymphocyte (TIL) cell therapy, in adult patients with advanced cutaneous melanoma.
First Author: Brian Gastman, MD

Board 186a

ABSTRACT TPS9595: Optimization of Voyager V1 (VV1) oncolytic virus systemic delivery in combination with cemiplimab and ipilimumab in patients with melanoma and non-small cell lung cancer (NSCLC).
First Author: Jose Lutzky, MD

Board 186b

ABSTRACT TPS9596: ATTAC-MCC: Phase I/II study of autologous CD8+ and CD4+ transgenic T cells expressing a high affinity MCPyV-specific TCR combined with checkpoint inhibitors and class I MHC-upregulation in patients with metastatic MCC refractory to PD-1 axis blockade.
First Author: Joshua Veatch, MD, PhD

Board 187a

ABSTRACT TPS9597: An open-label, multicenter, phase 1b/2 study of RP1, a first-in-class, enhanced potency oncolytic virus in solid organ transplant recipients with advanced cutaneous malignancies (ARTACUS).
First Author: Michael Robert Migden, MD

Board 187b

ABSTRACT TPS9598: Early together: A randomized phase III study of early palliative care in metastatic uveal melanoma (MUM).
First Author: Sophie Piperno-Neumann, MD

Board 188a

ABSTRACT TPS9599: A biomarker-guided Bayesian response-adaptive phase II trial for metastatic melanoma: The Personalized Immunotherapy Platform (PIP) trial design.
First Author: Serigne N. Lo, DPhil

Board 188b

ABSTRACT TPS9600: Tocilizumab in combination with ipilimumab and nivolumab in solid tumors.
First Author: Noha Abdel-Wahab, MD, PhD

Board 189a

ABSTRACT TPS9601: Design and rationale of a first-in-human (FIH) phase 1/1b study evaluating KIN-3248, a next-generation, irreversible (irrev), pan-FGFR inhibitor (FGFRi), in adult patients with solid tumors harboring FGFR2 and/or FGFR3 gene alterations (NCT05242822).
First Author: Lipika Goyal, MD

Board 189b

ABSTRACT TPS9602: Evaluating the impact of perioperative antibiotic prophylaxis on the microbiome in patients with cutaneous malignancy.
First Author: Samuel Cass, MD

Board 190a

ABSTRACT TPS9603: DETECTION phase II/III trial: Circulating tumor DNA-guided therapy for stage IIB/C melanoma after surgical resection.
First Author: Rebecca Lee, MRCP, MBChB, BSc

Board 190b

ABSTRACT TPS9604: Confirmatory trial of narrower side margin excision for head and neck basal cell carcinoma in the Japanese (East Asian) population: JCOG2005 (J-BASE-MARGIN).
First Author: Yasuhiro Nakamura, MD, PhD

Board 191a

ABSTRACT TPS9605: The NADINA trial: A multicenter, randomised, phase 3 trial comparing the efficacy of neoadjuvant ipilimumab plus nivolumab with standard adjuvant nivolumab in macroscopic resectable stage III melanoma.
First Author: Minke W. Lucas, MSc

Board 191b

ABSTRACT TPS9606: MERLIN_001: A prospective registry study of a primary melanoma gene-signature to predict sentinel node (SN) status and determine its prognostic value for more accurate staging of patients with SN-negative melanoma.
First Author: Tina J. Hieken, MD

Board 192a

ABSTRACT TPS9607: Neo-adjuvant T-VEC plus nivolumab combination therapy for resectable early-stage or metastatic (IIIB-IVM1a) melanoma with injectable disease: The NIVEC trial.
First Author: Maartje W. Rohaan, MD

Board 192b

ABSTRACT TPS9608: A first-in-human, phase 1b study to evaluate the safety, tolerability, pharmacokinetics, and anti-tumor activity of neoadjuvant use of ph-762 administered intratumorally in subjects with advanced melanoma.
First Author: Caroline Robert, MD, PhD

Board 193a

ABSTRACT TPS9609: ARTISTRY-6: Nemvaleukin alfa monotherapy in patients with advanced mucosal and cutaneous melanoma.
First Author: Jeffrey S. Weber, MD, PhD

Board 193b

ABSTRACT TPS9610: Capturing uveal melanoma (UM) global practice patterns and clinical outcomes in the collaborative ocular melanoma natural history (OMNi) study (NCT04588662).
First Author: Joseph J. Sacco, MD

Monday, June 6

1:15 PM - 4:15 PM | Hall A

Prevention, Risk Reduction, and Hereditary Cancer

Abstracts on Boards 391-401 will be discussed during the Prevention, Risk Reduction, and Hereditary Cancer Poster Discussion Session.

Posters by Topic

Cancer Prevention: *Boards 402-430*
Epidemiology: *Boards 395, 400, 431-450*
Germline Genetic Testing: *Boards 391-394, 396, 398-399, 401, 451-476*
Hereditary Cancer Syndromes: *Boards 397, 477-487*
Trials in Progress: *Boards 488a-490b*

Board 391

ABSTRACT 10512: A multicenter study of clinical impact of variant of uncertain significance reclassification in breast, ovarian, and colorectal cancer susceptibility genes.
First Author: Sukh Makhnoon, PhD, MS

Board 392

ABSTRACT 10513: Cascade testing of first-degree relatives of patients with pancreatic cancer with confirmed germline genetic mutations: A simulation modeling study.
First Author: Mary Linton Bounetheau Peters, MD

Board 393

ABSTRACT 10514: Double jeopardy? A closer look at cancer histories of individuals with multiple germline pathogenic variants.
First Author: Carolyn Horton, MS, CGC

Board 394

ABSTRACT 10515: Rates of pathogenic variants in common cancer genes among different racial/ethnic groups.
First Author: Peter D. Beitsch, MD

Board 395

ABSTRACT 10516: Racial and regional disparities in metastatic breast cancer.
First Author: Sachi Singhal, MD

Board 396

ABSTRACT 10517: Ancestry-specific risk of triple-negative breast cancer (TNBC) associated with germline pathogenic variants (PV) in hereditary cancer (CA) predisposition genes.
First Author: Michael J. Hall, MD, MS

Board 397

ABSTRACT 10518: Association of germline genetic testing results with chemotherapy regimens received by women with early-stage breast cancer.
First Author: Allison W. Kurian, MD, MS

Board 398

ABSTRACT 10519: Heart toxicity effects (HTE) of anthracyclines-containing regimens (ACRs) in patients with breast cancer (BC) carrying mutational signature of homologous recombination deficiency (HRD).
First Author: Lorena Incorvaia, MPhD

Board 399

ABSTRACT 10521: Germline mutational landscape of non-highly penetrant Fanconi anemia genes unveiled from sequencing of 5,044 patients with solid tumor cancer.
First Author: Kevin McDonnell, MD

Board 400

ABSTRACT 10522: Comparison of characteristics and outcomes of young onset versus average onset pancreatobiliary adenocarcinoma.
First Author: Thejus Jayakrishnan, MD

Board 401

ABSTRACT 10523: Germline predisposition in oncologic and dermatologic melanoma cohorts.
First Author: Pauline Funchain, MD

Board 402

ABSTRACT 10524: Increase in incidence of advanced-stage breast cancer in Asian women versus White women: Can this be explained by the lower utilization of mammograms?
First Author: Cheng-I Liao, MD

- Board 403 ABSTRACT 10525: Simulation modeling as a tool to support clinical guidelines and care for breast cancer prevention and early detection in high-risk women.
First Author: Jinani Jayasekera, PhD
- Board 404 ABSTRACT 10526: Characterization of time to diagnosis indicates shorter interval for screenable versus symptom-driven cancers.
First Author: Vladimir Gainullin, PhD
- Board 405 ABSTRACT 10528: Renal cell carcinoma in renal transplant recipients: Is there a role for screening?
First Author: Binoy Yohannan
- Board 406 ABSTRACT 10529: Comparison of simulated outcomes between stool- and blood-based colorectal cancer screening tests.
First Author: A. Fendrick, MD
- Board 407 ABSTRACT 10530: Lung cancer risk prediction nomogram in Chinese female non-smokers.
First Author: Guo Lan-Wei
- Board 408 ABSTRACT 10531: Designing a decision aid for cancer prevention.
First Author: Shakira R. Milton, PhD, MSc
- Board 409 ABSTRACT 10533: Robust artificial intelligence-powered imaging biomarker based on mammography for risk prediction of breast cancer.
First Author: Eun Kyung Park, MD, PhD
- Board 410 ABSTRACT 10534: Factors associated with the decreasing rate of oropharyngeal cancer in young adults in the United States.
First Author: John K. Chan, MD
- Board 411 ABSTRACT 10535: The role of health information technology in improving awareness of HPV and HPV vaccine among U.S. adults: Insights from the health information national trends survey.
First Author: Gideon T. Dosunmu, MD
- Board 412 ABSTRACT 10536: Cost-effectiveness of targeted genomic risk provision to prevent skin cancer: Results of a randomized trial.
First Author: Chi Kin Law, PhD
- Board 413 ABSTRACT 10537: Increase in postmenopausal women with distant stage breast cancer in the United States over the last 18 years: Who is the most at risk?
First Author: Arya Aliabadi
- Board 414 ABSTRACT 10538: Awareness of the link between HPV, cervical cancer, and HPV vaccination: An online survey among Polish women.
First Author: Artur Kotowski, MD
- Board 415 ABSTRACT 10539: At-risk patient and healthcare provider perspectives on clinical trial participation for ductal carcinoma in situ.
First Author: Elizabeth Adams, BA
- Board 416 ABSTRACT 10540: Cross-ancestry polygenic risk score for breast cancer risk assessment.
First Author: Placede Tshiaba
- Board 417 ABSTRACT 10541: Multiomic approach to examining gut microbiome sampling methods in breast cancer and control subjects.
First Author: Christina Ann Nowicki
- Board 418 ABSTRACT 10542: A novel NGS kit solution for multi-cancer early detection using circulating cell free DNA based methylation analysis.
First Author: Grace Q. Zhao, PhD
- Board 419 ABSTRACT 10543: Trends in the incidence of early-onset invasive colorectal cancer between 1990 and 2018, stratified by race/ethnicity, gender, and anatomic sub-sites among Pennsylvania residents.
First Author: Inimfon Jackson, MD, PhD, MPH
- Board 420 ABSTRACT 10544: Clinical validation of a multicancer detection blood test by circulating cell-free DNA (cfDNA) methylation sequencing: The THUNDER study.
First Author: Qiang Gao, MD, PhD
- Board 421 ABSTRACT 10545: Adapting an evidence-based cancer survivor lifestyle program for cancer prevention and control in African American and Hispanic/Latino communities.
First Author: Jamila L. Kwarteng, PhD, MS
- Board 422 ABSTRACT 10546: Interception versus prevention in cancer screening in a Medicare population: Results from the CRC-MAPS model.
First Author: Girish Putcha, MD, PhD
- Board 423 ABSTRACT 10547: Socioeconomic status for predicting COVID-19-related changes in cancer prevention behaviors.
First Author: Mohamed I. Elsaid, PhD, MPH, ALM
- Board 424 ABSTRACT 10548: Increasing primary care utilization prior to cancer diagnosis in association with cancer mortality.
First Author: Edmund Men Qiao, BS
- Board 425 ABSTRACT 10549: Project BRA: Breast cancer risk assessment.
First Author: Lauren Elizabeth Nye, MD
- Board 426 ABSTRACT 10550: Human papillomavirus (HPV) vaccine hesitancy trends in the United States.
First Author: Eric Adjei Boakye, PhD
- Board 427 ABSTRACT 10551: Validation of the PREDICT breast cancer tool in a multiethnic population of U.S. women after a second primary breast cancer.
First Author: Zhengyi Deng
- Board 428 ABSTRACT 10552: Dietary influence on physical functioning in the Women's Health Initiative (WHI) randomized Dietary Modification (DM) trial.
First Author: Rowan T. Chlebowski, MD, PhD, FASCO
- Board 429 ABSTRACT 10553: An ultrasensitive approach for cancer screening and tissue of origin prediction based on targeted methylation sequencing of cell-free DNA.
First Author: Tiancheng Han
- Board 430 ABSTRACT 10554: Predictors of use of prevention strategies among women at high-risk for breast cancer.
First Author: Kara Landry, MD
- Board 431 ABSTRACT 10555: Higher obesity and lower screening rates in Hispanic women and associated increased breast cancer in the United States.
First Author: Michelle Ann P. Caesar, MPH
- Board 432 ABSTRACT 10556: LVEF decline in relation to body composition among women treated for breast cancer: WF-97415.
First Author: Kerry Reding, PhD, MPH
- Board 433 ABSTRACT 10557: Early mortality in real-life nationwide epidemiological study on lung cancer in non-academic French public hospitals.
First Author: Didier Debieuvre, MD
- Board 434 ABSTRACT 10558: Racial and ethnic disparities in lifestyle changes during the COVID-19 pandemic: Exploring the socioeconomic and psychosocial mechanisms.
First Author: Ming Wen, PhD (c)
- Board 435 ABSTRACT 10559: Impact of the COVID-19 pandemic on stage at diagnosis of patients with breast cancer: An analysis of 11,752 patients from Oncoclínicas.
First Author: Cristiano Augusto Andrade de Resende, MD
- Board 436 ABSTRACT 10560: Trends in oncological disease burden: A comparative study between higher and lower-middle-income countries.
First Author: Georgina Helen Hanbury, MBChB
- Board 437 ABSTRACT 10561: Patient-reported disruptions to cancer care in the U.S. during the COVID-19 pandemic: A national cross-sectional study.
First Author: Sharanya Iyer
- Board 438 ABSTRACT 10562: Factors associated with the occurrence of myocardial infarction in patients treated for melanoma.
First Author: Xianying Pan, PhD
- Board 439 ABSTRACT 10563: The increasing incidence of alcohol-related cancers in young adults in the United States: Who is most at risk?
First Author: Atharva Rohatgi, BS
- Board 440 ABSTRACT 10564: A five-year epidemiological profile of patients with cancer managed by a Haitian cancer program.
First Author: Joseph Bernard Jr., MD
- Board 441 ABSTRACT 10565: An update on the overall epidemiology, clinical characteristics, and outcomes from the COVID-19 and Cancer Consortium (CCC19).
First Author: Dimpy P. Shah, MD, PhD
- Board 442 ABSTRACT 10566: Development of key performance indicator (KPI) for real-time monitoring of treatment of early breast cancer to control socioeconomic and indigenous systemic bias.
First Author: Euan Thomas Walpole, MBBS
- Board 443 ABSTRACT 10567: Exploring "the healthy immigrant effect" among elderly Asian patients with cancer: A nationwide population-based assessment.
First Author: Manan Nayak, PhD
- Board 444 ABSTRACT 10568: Analysis of genomic alterations in pan-cancer from a large real-world Chinese population.
First Author: Zhouhuan Dong
- Board 445 ABSTRACT 10569: Prevalence of incidental pathogenic germline variants detected in cfDNA in patients with oncogene-driven non-small cell lung cancer.
First Author: Laura Mezquita, MD, PhD
- Board 446 ABSTRACT 10571: Sociodemographic trends in COVID-19 mortality in patients with cancer: A nationwide analysis.
First Author: Sree Jambunathan
- Board 447 ABSTRACT 10572: Characteristics of patients with neuroendocrine tumors in the United States: A study of 392,412 patients.
First Author: Ravali A. Reddy, MD

- Board 448 ABSTRACT 10573: Genetic ancestry correlates of the cancer somatic mutational landscape from tumor profiling data of 50,000 patients with cancer.
First Author: Francisco De La Vega
- Board 449 ABSTRACT 10574: Human papillomavirus-associated cancers in Taiwan over the last 18 years: The potential impact of screening, vaccination, and smoking.
First Author: Cheng-I Liao, MD
- Board 450 ABSTRACT 10575: The disproportionate burden of cancer associated with social behaviors in young women in the United States.
First Author: Caitlin Ruth Johnson, MPH
- Board 451 ABSTRACT 10576: Impact of germline mutations on surgical decision-making in women with DCIS.
First Author: Rachel E. Ellsworth, PhD
- Board 452 ABSTRACT 10577: Mainstreamed genetic testing of patients with breast cancer: Experience from a single surgeon's practice in a large U.S. academic center.
First Author: Kanhua Yin, MD, MPH
- Board 453 ABSTRACT 10578: Prevalence and spectrum analysis of germline DICER1 variants of solid tumors: Decoding the mysterious signals of the genome.
First Author: Pibao Li
- Board 454 ABSTRACT 10579: Co-occurrence of germline pathogenic variants in Chinese patients with solid tumors.
First Author: Yan Zhang
- Board 455 ABSTRACT 10580: Implementation of universal, pan-cancer germline genetic testing in patients with cancer in Jordan.
First Author: Hikmat Abdel-Razeq, MD
- Board 456 ABSTRACT 10581: Constitutional MLH1 promotor hypermethylation: Clinical characteristics and testing frequency of a poorly recognized mechanism for Lynch-associated malignancies.
First Author: Rakesh Biswas, MD
- Board 457 ABSTRACT 10582: Pathogenic TP53 variant allele frequency across different somatic tissues in two patients with mosaic Li-Fraumeni.
First Author: Tin-Yun Tang, MD
- Board 458 ABSTRACT 10583: Trends in and determinants of germline BRCA1/2 testing in patients with breast and ovarian cancer.
First Author: Kelsey S. Lau-Min, MD, MS
- Board 459 ABSTRACT 10584: Retrospective analysis of non-BRCA gene pathogenicity variation in Chinese patients with ovarian cancer.
First Author: Li Yuan Guo
- Board 460 ABSTRACT 10585: NGS analysis of germline mutation profile of patients with hepatocellular carcinoma in China.
First Author: Xiaobing Wu
- Board 461 ABSTRACT 10586: Genetic counselling and testing for breast and ovarian cancer in Asia: A multinational survey of unmet needs.
First Author: Ava Kwong, FRCS
- Board 462 ABSTRACT 10587: DNA damage repair (DDR) germline mutations (GMs) in pancreatic ductal adenocarcinoma (PDAC): A mono-institutional retrospective study.
First Author: Maria Bensì, MD
- Board 463 ABSTRACT 10588: Universal genetic testing versus guideline-directed testing for hereditary cancer syndromes among traditionally underrepresented patients in a community oncology program.
First Author: Jeremy Clifton Jones, MD
- Board 464 ABSTRACT 10589: Integrated germline and somatic cancer testing provides opportunity to identify cancer risk and resolve variant origins.
First Author: Kingshuk Das, MD
- Board 465 ABSTRACT 10590: Germline screening rates and patterns for patients with pancreatic cancer at an academic medical center.
First Author: DeJuana Coleman, MS, BS
- Board 466 ABSTRACT 10591: Oncologist knowledge of cost of genetic testing.
First Author: Shayna Weiner, MPH
- Board 467 ABSTRACT 10592: Relative disclosure of information on hereditary cancer syndromes: A systematic review and meta-analysis.
First Author: Muhammad Danyal Ahsan
- Board 468 ABSTRACT 10593: Determining concordance of LFSPRO TP53 germline carrier risk predictions to standard genetic counseling practice.
First Author: Elissa B. Dodd-Eaton, MPH
- Board 469 ABSTRACT 10594: Genetic epidemiology of breast cancer (BC) risk genes from a diverse real-world oncology practice in Brazil.
First Author: Bernardo Garicochea, MD, PhD
- Board 470 ABSTRACT 10595: Patient-reported outcomes among males undergoing prostate cancer germline testing: Interim results from the Prostate Cancer Genetic Risk, Experience, and Support Study (PROGRESS) Registry.
First Author: Veda N. Giri, MD
- Board 471 ABSTRACT 10596: Germline mutations in ATM, CHEK2, and other known/potential breast cancer susceptibility genes among BRCA-negative Uruguayan patients with breast cancer.
First Author: Lucia Beatriz Delgado, MD
- Board 472 ABSTRACT 10597: Evaluation of Lynch syndrome risk models in a multicenter diverse population.
First Author: Jenny Lu
- Board 473 ABSTRACT 10598: Scenery of multilocus inherited neoplasia alleles syndrome (MINAS) in a single Brazilian institution.
First Author: Andre Marcio Murad, MD, PhD
- Board 474 ABSTRACT 10599: Variants of unknown significance (VUS) in patients with hereditary CRC without a known pathogenic variant.
First Author: Marija Stojovska, PhD
- Board 475 ABSTRACT 10600: TP53 pathogenic variants with low allele fraction in germline genetic testing.
First Author: Yanqing Wu
- Board 476 ABSTRACT 10601: Effects of healthcare provider recommendation for genetic testing.
First Author: Emerson Delacroix, MACP
- Board 477 ABSTRACT 10602: A pilot study to increase cascade genetic testing in families with hereditary cancer syndromes.
First Author: Steven J. Katz, MD, MPH
- Board 478 ABSTRACT 10603: Outcomes of the BRCA quality improvement dissemination program in three health systems.
First Author: Erica M. Bednar, CGC, MS, MPH
- Board 479 ABSTRACT 10604: Hereditary cancer screening at an urban safety net hospital.
First Author: Sydney Brehany, MD
- Board 480 ABSTRACT 10605: Genetic risk assessment in primary care settings: An evaluation of NCCN guidelines.
First Author: Kara J. Milliron, CGC
- Board 481 ABSTRACT 10606: Risk-stratified FIT for urgent colonoscopy in Lynch syndrome: A clinical service throughout the COVID-19 pandemic.
First Author: Anne G. Lincoln, MS, MPhil
- Board 482 ABSTRACT 10607: Fertility preferences, concerns, and preservation among young women with breast cancer who carry germline genetic pathogenic variants compared with non-carriers.
First Author: Rebecca M. Lewinsohn
- Board 483 ABSTRACT 10609: Building a multidisciplinary consortium in Iowa to advance genetic counseling and testing in patients with cancer.
First Author: Sandra Megally
- Board 484 ABSTRACT 10610: Clinical characteristics of patients with PMS2 mutations.
First Author: Samiksha Pandey
- Board 485 ABSTRACT 10611: Hysterectomy as a risk-reducing procedure in BRCA1 and BRCA2 women.
First Author: Ana Teresa Pina
- Board 486 ABSTRACT 10612: Questioning a Li-Fraumeni Syndrome diagnosis: Characterization of a commonly observed germline TP53 variant, p.Arg156His.
First Author: Bitá Nehoray, MS
- Board 487 ABSTRACT 10613: Impact of COVID-19 on individuals with paraganglioma/pheochromocytoma history and/or hereditary risk.
First Author: Samantha Greenberg, CGC, MPH, MS
- Board 488a ABSTRACT TPS10614: Adjusting the TMIST study design to accommodate slower than expected accrual: ECOG-ACRIN EA1151.
First Author: Etta Pisano, MD
- Board 488b ABSTRACT TPS10615: NRG-CC008: A nonrandomized prospective clinical trial comparing the non-inferiority of salpingectomy to salpingo-oophorectomy to reduce the risk of ovarian cancer among BRCA1 carriers [SOROCK].
First Author: Warner King Huh, MD
- Board 489a ABSTRACT TPS10616: A phase 3 study to determine the breast cancer risk reducing effect of denosumab in women carrying a germline BRCA1 mutation (BRCA-P Study).
First Author: Nizar Bhulani, MD, MPH
- Board 489b ABSTRACT TPS10617: A randomized phase III study assessing the efficacy of liquid biopsy in early diagnosis of recurrence and second malignancies in lung cancer survivors.
First Author: Sana Raoof
- Board 490a ABSTRACT TPS10618: Longitudinal immunological responses of COVID-19 vaccination in patients with solid tumors on active treatment: A pilot study.
First Author: Lifan Cao, MD, PhD

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