



SNMMI Annual Grants & Awards Recognition

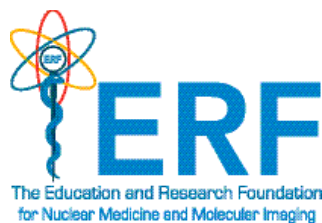
2023 RECIPIENTS



SOCIETY OF
NUCLEAR MEDICINE &
MOLECULAR IMAGING

SNMMI provides more than \$400,000 annually to advance nuclear medicine, molecular imaging and therapy, fund professional development efforts, and promote the next generation of researchers. The SNMMI Grants and Awards Program provides the opportunity for international recognition, highlighting groundbreaking accomplishments within our specialty as well as contributions to the Society at large.

Distribution of SNMMI and SNMMI-TS grants, awards, and scholarships is contingent upon available funding. Thank you to our donors who represent the Society's commitment to advancing nuclear medicine, molecular imaging, and therapy.



Education and Research Foundation for Nuclear Medicine and Molecular Imaging

The Education and Research Foundation for Nuclear Medicine and Molecular Imaging (ERF) is the largest contributor to the SNMMI Grants and Awards Program, providing more than \$200,000 in support.

SPONSOR ACKNOWLEDGEMENT:

Additional supporters of the 2023 SNMMI and SNMMI-TS grants, awards, and scholarships include:

- **SNMMI-TS Professional Development and Education Fund (PDEF)**
- **American Registry of Radiologic Technologist (ARRT)**
- **Nihon Medi-Physics LLC**
- **The Henry Wagner Family**
- **SNMMI Women in Nuclear Medicine Committee (WINM)**
- **Global Advanced Imaging, PLLC**
- **SNMMI Value initiative**
- **SNMMI Mars Shot Fund**

We are proud to present the SNMMI and SNMMI-TS Grants and Awards Recognition for 2023. We invite you to learn more about these recipients through this comprehensive guide of SNMMI honors:

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- 16** Publication Awards
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2023 HIGHLIGHTS

The SNMMI Annual Meeting provides the opportunity to present and publish innovative scientific investigations to a global audience of medical imaging professionals. These awards recognize the top research presented at the SNMMI 2023 Annual Meeting.

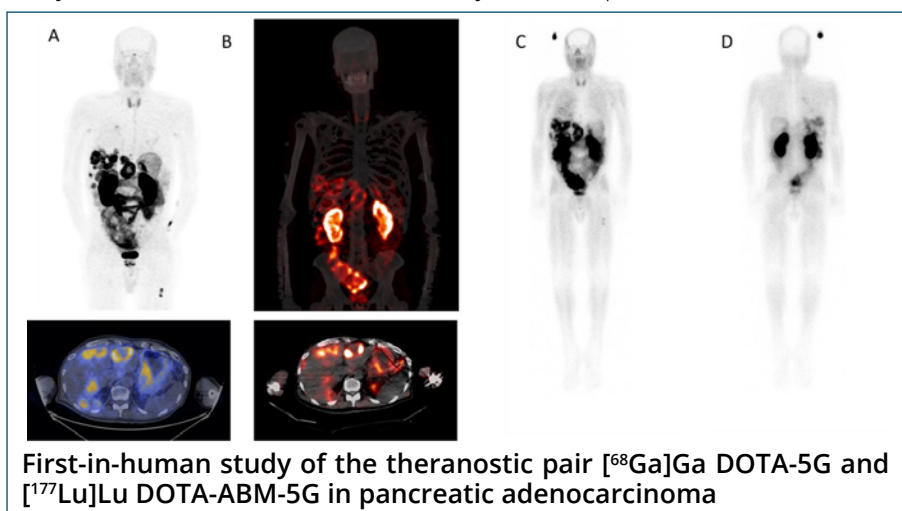
HENRY N. WAGNER, JR, MD IMAGE OF THE YEAR

Each year, SNMMI chooses an image that best exemplifies the most promising advances in the field of nuclear medicine and molecular imaging. The state-of-the-art technologies captured in these images demonstrate the capacity to improve patient care by detecting disease, aiding diagnosis, improving clinical confidence, and providing a means of selecting appropriate treatments. This year, the SNMMI Henry N. Wagner, Jr., MD, Image of the Year was chosen from all the abstracts submitted to the SNMMI Annual Meeting and voted on by both the reviewers and the society leadership.



2023 Recipient

*Julie Sutcliffe,
PhD, FSNMMI*



First-in-human study of the theranostic pair [^{68}Ga]Ga DOTA-5G and [^{177}Lu]Lu DOTA-ABM-5G in pancreatic adenocarcinoma

HENRY N. WAGNER, JR., MD BEST PAPER OF THE YEAR AWARD

This award recognizes outstanding science and identifies the top abstract presented at the meeting each year. This award celebrates the considerable contribution of Henry N. Wagner, Jr., MD, to the fields of nuclear medicine and molecular imaging and is selected using Dr. Wagner's long-standing criteria: Is it true? Is it new? Is it well-designed? And is it meaningful? The award is selected by a panel of experts, including representatives from the Scientific Program Committee and SNMMI Leadership.

For research on lomab-B in relapsed refractory acute myeloid leukemia the results of a safety and efficacy pivotal phase 3 SIERRA trial: **Individualized dosing for high-dose targeted radiation of hematopoietic cells with lomab-B (I131-apamistamab) prior to HCT in relapsed refractory acute myeloid leukemia (R/R AML): Safety and efficacy results from the pivotal phase 3 SIERRA trial.**



2023 Recipient

Neeta Pandit-Tasker, MD — Memorial Sloan Kettering Cancer Center

2023 HIGHLIGHTS

GEORGE CHARLES DE HEVESY NUCLEAR PIONEER AWARD

SNMMI has given the George Charles de Hevesy Nuclear Medicine Pioneer Award every year since 1960 to honor groundbreaking work in the field of nuclear medicine. De Hevesy received the 1943 Nobel Prize in chemistry for his work in determining the absorption, distribution, metabolism and elimination of radioactive compounds in the human body. His work led to the foundation of nuclear medicine as a tool for diagnosis and therapy, and he is considered the father of nuclear medicine.



2023 Recipient

Nizar A. Mullani, BS — President, Translite, LLC

PAUL C. AEBERSOLD, PHD AWARD

First presented in 1973, The Aebersold Award is named for Paul C. Aebersold—a pioneer in the biologic and medical application of radioactive materials and the first director of the Atomic Energy Commission's Division of Isotope Development. It recognizes outstanding achievement in basic science applied to nuclear medicine.



2023 Recipient

Henry VanBrocklin, PhD, FSNMMI — Professor/Director of Radiopharmaceutical Research, University of California, San Francisco

SAM GAMBHIR, MD TRAILBLAZER AWARD

The Sam Gambhir Trailblazer Award is named after Sanjiv Sam Gambhir, MD, PhD, an internationally recognized pioneer in molecular imaging. Gambhir dedicated his career to developing methods of early disease detection, ushering in a new era of molecular imaging to flag signals of disease in its nascent stages. Within the field of radiology, Gambhir was known for the development of positron emission tomography reporter genes, which can flag molecular activity that signals something's gone awry in the body. Within the imaging community, he was known as a leader and scientist with sprawling expertise and a work ethic to aspire to. More than that, colleagues and many others who knew him said he was a kind and generous friend, a nurturing mentor, and a catalyst for collaboration.



2023 Recipient

Peter J.H. Scott, PhD, FSNMMI — Associate Professor of Radiology and Pharmacology, Chief of Nuclear Medicine, and Director of the PET Center at the University of Michigan

2023 HIGHLIGHTS

NEW! MINOSHIMA-PAPPAS TRANSFORMATIVE LEADERSHIP AWARD

The Minoshima-Pappas Transformative Leadership Award recognizes an individual who has made transformative impact in the field and elevated the value of nuclear medicine and molecular imaging. Award recipients must have initiated, developed, and successfully implemented unique and significant transformative value within the field of Nuclear Medicine and Molecular Imaging. Examples include high impact discovery and publication that have changed patient care, initiation of multi-national collaborative research, revolutionizing education methods, practice changing quality management, regulatory and/or legislative transformations, innovative outreach to patients and other stakeholders, and so on.



2023 Recipient

Umar Mahmood, MD, FSNMMI

NEW! WINM SHE PAVED THE WAY LIFETIME ACHIEVEMENT AWARD

The Women in Nuclear Medicine She Paved the Way Lifetime Achievement Award recognizes women that have dedicated a significant part of their career to “paving the way” for other women in the field of Nuclear Medicine and Molecular Imaging.



2023 Recipient

Leonie Gordon, MD, FACNM, FSNMMI

NEW! WINM RISING STAR AWARD

The Women in Nuclear Medicine Rising Star Award recognizes women in Nuclear Medicine that are early career professionals and provides the next generation of leaders to benefit from recognition early in their career.



2023 Recipient

Raiyan Zaman, PhD, MSEE

2023 HIGHLIGHTS

NEW! SIPRA AND GOPAL SAHA SCHOLARSHIP

The Sipra and Gopal Saha Scholarship will be awarded to the highest ranking theranostics abstract presented by a nuclear medicine resident and nuclear medicine technologist as first author.



2023 Recipient
Ahmed Abdelrahman, MD



2023 Recipient
Freddy Gonzales, CNMT

NEW! LALITA & MATHEW THAKUR AWARD

The Lalita & Mathew Thakur Award is for outstanding investigation in Translational Nuclear Medicine and Molecular Imaging will serve as a token of Lalita's appreciation of all those at SNMMI who contribute extensively to improve the quality of life of patients worldwide.



2023 Recipient
Hanwen Zhang, PhD

SNMMI-TS SPOTLIGHT

SNMMI-TS LIFETIME ACHIEVEMENT AWARD

Reserved for individuals who have made significant contributions to the field of Nuclear Medicine, to our chapters and to the Technologist Section



2023 Recipient

Norman E. Bolus, MSPH, MPH CNMT, FSNMMI-TS

For outstanding dedication to the field of nuclear medicine through leadership as the SNMMI-TS President, vision as Editor of the JNMT, dedication as an educator, thoughtfulness as a mentor and compassion as a friend.

SNMMI-TS ADVOCATE OF THE YEAR

Awarded to an individual who has made significant contributions to advancing advocacy efforts at the state and federal level.



2023 Recipient

Cheryl Rickley, CNMT, FSNMMI-TS

For outstanding advocacy efforts at the local, state, and national level.

SNMMI-TS/ERF OUTSTANDING TECHNOLOGIST

Recognizes SNMMI-TS members who have demonstrated outstanding service and dedication to the field of nuclear medicine technology.



2023 Recipient

Joby MacLean, MHA, CNMT — Manager, Nuclear Medicine Department, Cincinnati Children's Hospital

For outstanding leadership and for amazing efforts as a volunteer leader within the SNMMI-TS.

SNMMI-TS/ERF KATHY E. THOMPSON-HUNT OUTSTANDING EDUCATOR

Recognizes SNMMI-TS members who have demonstrated outstanding service and dedication to the field of nuclear medicine technology.



2023 Recipient

Jay Smith, MA, CNMT, RT(R)(N) — Clinical Coordinator, Nuclear Medicine Technology Program, University of Iowa Hospitals and Clinics

For advancing and promoting the field of Nuclear Medicine Technology through outstanding work in education.

SNMMI SERVICE AWARDS

SNMMI FELLOWSHIP

SNMMI Fellowship is one of the most prestigious formal recognition available to long-time SNMMI members and symbolizes distinguished service to SNMMI, as well as exceptional achievement in the field of nuclear medicine and molecular imaging.

SNMMI Fellows Class of 2023



Ramsey Badawi, PhD
Northern California Chapter
Member Since 2000



Arman Rahmim, PhD
Pacific Northwest Chapter
Member Since 2007



Erin Grady, MD, CCD, FACNM
Southeastern Chapter
Member Since 2008



Barry Shulkin, MD, MBA
Southeastern Chapter
Member Since 1985



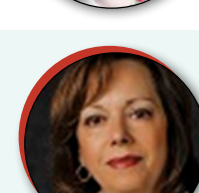
John Hoffman, MD
Pacific Northwest Chapter
Member Since 1985



Gary Ulaner, MD, PhD, FACNM
Pacific Southwest Chapter
Member Since 2005



Andrei Iagaru, MD, FACNM
Northern California Chapter
Member Since 2004



Honorary Fellowship

**Virginia Pappas, CAE,
FSNMMI(H), FSNMMI-TS(H)**



Martin Pomper, MD, PhD
Mid-Eastern Chapter
Member Since 1996

SNMMI PRESIDENT DISTINGUISHED SERVICE AWARD

The SNMMI Presidential Distinguished Service Award is given to individuals who made a significant impact within SNMMI during the presidential tenure of Munir Ghesani, MD. The individuals being recognized this year have been instrumental to SNMMI's virtual education efforts.

2023 Recipients



Andrei H. Iagaru, MD
*For vision and leadership as
the Chair of the Section Chiefs
- Theranostic Leadership and
Operations Group (TLOG).*



Amol Takalkar, MD, MS, MBA
*For visionary leadership of
the IASNM and for facilitating
collaborations between SNMMI
& SNM-India.*

SNMMI PRESIDENT DISTINGUISHED SERVICE AWARD CONTINUED



Ankit Watts, PhD

For hard work and commitment showcasing the 2023 SNMMI Highlight country's accomplishments and for encouraging research from India.



Harkirat Singh, MD

For successfully leading SNM-India as President and for coordinating highlight country activities.



Nasrin Ghesani, MD

For leadership and support in taking care of patients, ongoing trials and the theranostics program.



Somali Gavane, MD

For supervising one of the most successful and trailblazing nuclear medicine training programs in the USA.



Anthony Hafez, DO

For exemplary skills including theranostics, passionate patient care, IT & informatics, training, and education.



Mike Sathekge, MD, PhD

For advancing cutting edge theranostics and for improving access throughout the world.



John Sunderland, PhD, FSNMMI

For outstanding vision and leadership as Co-Chair of the Clinical Trials Network and Nuclear Medicine Clinical Trial Group, LLC.



Richard L. Wahl, MD, FSNMMI

For outstanding vision and leadership in the creation of the SNMMI Mars Shot – Funding Innovation for the Future of Nuclear Medicine.



Adina L. Alazraki, MD

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.

SNMMI PRESIDENT DISTINGUISHED SERVICE AWARD CONTINUED



Mark H. Crosthwaite, CNMT, FSNMMI-TS

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.



Stephen C. Dragotakes, BS, RPh, BCNP, FAPhA

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.



Heather Jacene, MD

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.



Ryan Niederkohr, MD

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.



Alan B. Packard, PhD, FSNMMI

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.



Heiko Schoder, MD, MBA, FSNMMI

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.



Pat B. Zanzonico, PhD

For extraordinary service and leadership serving the nuclear medicine and molecular imaging community on the COVID-19 Task Force.

SNMMI PRESIDENT DISTINGUISHED EDUCATOR

Recognizes SNMMI members who have demonstrated outstanding service and dedication to the field of nuclear medicine through their educational efforts.

2023 Recipients



Twyla B. Bartel, DO, FSNMMI

For extraordinary commitment to the global education and training of nuclear medicine.



Tracy L. Yarbrough, MD, PhD, MAEd

For extraordinary commitment to the global education and training of nuclear medicine.

SNMMI-TS SERVICE AWARDS

SNMMI-TS FELLOWSHIP

SNMMI-TS Fellowship recognizes members of the Technologist Section who have demonstrated leadership and have made a significant contribution to the profession of Nuclear Medicine Technology.

SNMMI-TS Fellows Class of 2023



Julie Bolin, MS, CNMT
*Pacific Southwest Chapter
Member Since 2007*



Sara L. Johnson, EdS, CNMT, RT(N)(CT)
*Southeastern Chapter
Member Since 2002*



Cynthia Brodnax, CNMT, NMTCB(CT)(RS)
*Southeastern Chapter
Member Since 2000*



Matthew McMahon, MS, CNMT, RT(CT)
*New England Chapter
Member Since 2007*



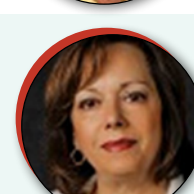
Geoffrey Currie, PhD, BPharm, MMRS, CNMT
*International Member
Member Since 1990*



Clay Nuquist, BS, CNMT, PET
*Mid-Eastern Chapter
Member Since 1990*



Gary D. Gallamore, CNMT
*Greater New York Chapter
Member Since 1980*



Honorary Fellowship

Virginia Pappas, CAE, FSNMMI(H), FSNMMI-TS(H)



Sarah Gibbons, MBA, CNMT, NMTCB(CT)
*Central Chapter
Member Since 2014*

SNMMI-TS PRESIDENTIAL DISTINGUISHED SERVICE AWARD

The 2023 Presidential Distinguished Service Award winners are given to individuals who made a significant impact during the presidential tenure of Krystle W. Glasgow, MIS, CNMT, NMTCB(CT), NMAA, FSNMMI-TS. The individuals being recognized for this have shown exceptional leadership and have provided strategic guidance in the areas of education and research.

2023 Recipients



C. David Gilmore, EdD, CNMT, NCT, RT(R)(N), FSNMMI-TS
For exceptional efforts on the EANM HIDA chapter, extraordinary leadership and friendship.



Dmitry Beyder, MPA, CNMT
For strategic direction and outstanding accomplishments with Workforce Pipeline.

SNMMI-TS PRESIDENTIAL DISTINGUISHED SERVICE AWARD CONT.



Dusty M. York, CNMT, PET, RT(N)(CT)

For mentorship, friendship and leadership as President and Immediate Past President.



Jon A. Baldwin, DO, MBBS

For always being a champion of Nuclear Medicine Technologists and empowering synergetic efforts in moving the field into the future.



Amy B. Brady, MAED, CNMT

For mentorship, passion, and support as a leader at the University of Alabama (UAB) and within the SNMMI-TS.



Nikki Wenzel-Lamb, MBA, CAE

For mentorship, passion and support of the SNMMI-TS.

COUNCIL & CENTER AWARDS

SNMMI Councils and Centers of Excellence provide additional professional networking and educational programs for members, including opportunities for specialty lectures, awards, and grants recognizing work in specific areas of practice within nuclear medicine.

ACADEMIC COUNCIL

Tom Miller Memorial Lecture Award

The award was created to recognize the late Tom Miller, MD, PhD. Dr. Miller served as one of SNMMI's Scientific Program Committee Chairs for many years. His dedication to the society and the field were outstanding. The award recipient will receive a plaque and be expected to present a lecture during the Tom Miller session during the SNMMI Annual Meeting.



Twyla Bartel, DO, FACNM, FSNMMI

Academic Council Distinguished Service Award

The Academic Council Distinguished Service Award was established to recognize individuals within nuclear medicine who have distinguished themselves through a career dedicated to the advancement of patient care through academic achievement and education. This individual has also demonstrated extraordinary leadership and dedication to the council.



Erica Cohen Major, DO, MPH, FACNM

COUNCIL & CENTER AWARDS

BRAIN IMAGING COUNCIL

Kuhl Lassen Award

The highest award of SNMMI's Brain Imaging Council was created to honor two founding pioneers in functional brain imaging: SNMMI member David E. Kuhl, M.D., and Nils Lassen. The Kuhl-Lassen Award is given annually to recognize a scientist who has made outstanding contributions and whose research in and service to the discipline of functional brain imaging is of the highest caliber.



Henryk Barthel, MD

CARDIOVASCULAR COUNCIL

Hermann Blumgart Award

The highest award and honor bestowed by the Cardiovascular Council, based on scientific contributions to the field of cardiovascular nuclear medicine and service to the Council.



James Thackeray, PhD

Cardiovascular Council Outstanding Educator Award Lecture

Recognizes a current CVC member who has made extraordinary and consistent educational contributions to the nuclear cardiology community and to the SNMMI.



Jamie Bourque, MD

CORRELATIVE IMAGING COUNCIL

Barry Siegel Lecture

Honors an individual who had made groundbreaking and consistent educational contributions to correlative imaging and to SNMMI and the Physics, Instrumentation, and Data Sciences Council. Dr. Barry Siegel made outstanding contributions to correlative imaging, namely, regarding the National Oncologic PET Registry (NOPR) and its tremendous impact on PET/CT imaging and reimbursement.



*Michael Graham, PhD,
MD, FACR, FSNMMI*

GENERAL CLINICAL NUCLEAR MEDICINE COUNCIL

General Clinical Nuclear Medicine Council Lecture Award

Recognizes a speaker who will present insights on the value of general clinical nuclear medicine in clinical practice as procedures, which remain bread-&-butter studies in many departments, paved the way for today's targeted imaging and therapy and many of today's nuclear medicine practitioners owe their careers to these procedures.



*Andrew (Tip) Taylor, MD, FACNM,
FSNMMI*

General Clinical Nuclear Medicine Council Lifetime Achievement Award

Recognizes those physicians and scientists who have distinguished themselves through a career dedicated to the advancement of patient care through the field of Nuclear Medicine. These individuals will have provided outstanding contributions to the general nuclear medicine subspecialties including urogenital, pulmonary, musculoskeletal, endocrine and gastrointestinal imaging that have advanced the field to allow improved clinical diagnosis and patient care.



Alan Maurer, MD, FSNMMI

PEDIATRIC IMAGING COUNCIL

Conway-Treves Senior Investigator Award

The PIC Conway-Treves SIA award was developed to recognize 2 pioneers in the pediatric imaging field who have made enormous scientific contributions to our subspecialty of pediatric nuclear medicine: Dr. James Conway and Dr. Ted Treves. The Conway-Treves Senior Investigator Award will be given to senior scientists and physician-scientists who have contributed greatly to our subspecialty of pediatric nuclear medicine as a scientist, teacher, mentor and leader, or who have contributed substantially to the work of the Society of Nuclear Medicine or the SNMMI Pediatric Imaging Council.



Barry Shulkin, MD

RADIOPHARMACEUTICAL SCIENCES COUNCIL

Berson-Yalow Award

Celebrates the contributions of Solomon A. Berson, MD, and Rosalyn S. Yalow, PhD (Nobel Laureate 1977), who pioneered the principle of the competitive binding assay and used it to develop the field of radioimmunoassay, which become a mainstay of early nuclear medicine. Since radioimmunoassay is no longer used extensively, this award will continue to recognize outstanding original work in the field of Nuclear Medicine and recognize the use of competitive receptor-binding assays in vitro and/or in vivo.



Xuedan Wu, PhD

PHYSICS, INSTRUMENTATION, AND DATA SCIENCES COUNCIL

Hoffman Lecture Award

The highest award of SNMMI's Physics, Instrumentation, and Data Sciences Council created to honor the memory of Professor Edward J. Hoffman. It recognizes scientists in the field of nuclear medicine for their service and devotion to research and development of nuclear medicine instrumentation and to educating and training the next generation of scientists.



Ronald Boellaard, PhD

Michael J. Welch Award

Recognizes individuals who have made an outstanding contribution to the field of radiopharmaceutical sciences, have been involved in mentoring students, postdoctoral fellows and junior faculty, and have been involved in community service to the field of radiopharmaceutical chemistry and molecular imaging.



Sally W. Schwarz, MS, RPh, BCNP, FAPhA

Tracey Lynn Faber Award

Given each year to support advancement of women in medical imaging sciences. The Award is given either to an individual who has significantly promoted the advancement of women in medical imaging sciences, or to a woman in early- or mid-career who has made significant contributions to medical imaging sciences.



Qiu Huang, PhD

Michael J. Welch Postdoctoral Travel Grant

Awarded to a post-doctoral individual who has demonstrated a novel approach to radiochemistry.



Steven Liang, PhD

COUNCIL & CENTER AWARDS

RADIOPHARMACEUTICAL SCIENCES COUNCIL

Sally W. Schwarz Award for Outstanding Contribution in Radiopharmacy

The Sally W. Schwarz Award was created as a means of recognizing individuals who have made an outstanding contribution to the field of radiopharmacy. This contribution can be in the form of radiopharmaceutical development, production and/or translation of radiopharmaceuticals for nuclear medicine and molecular imaging, and/or significant contributions to the regulatory oversight of radiopharmaceutical supply and administration, and/or in the mentoring and education of the next generation of radiopharmacists.



James Ponto, MS, RPh, BCNP

THERAPY CENTER OF EXCELLENCE

Saul Hertz Award

Established in honor of the professional achievements of Dr. Hertz as the pioneer of Radioiodine Therapy, this award recognizes individuals who have made outstanding contributions to radionuclide therapy.



Rodney Hicks, MD

CENTER FOR MOLECULAR IMAGING INNOVATION AND TRANSLATION

SNMMI CMIIT Laboratory Professional Recognition Award for Contributions to Molecular Imaging

Recognizes innovative/novel and high-impact tools, techniques, and practices in molecular imaging laboratory professionals. Its purpose is to promote the innovative efforts and exemplary accomplishments by individuals in the lab who may not have the opportunity to receive recognition in other arenas.



Freda Crawford, CNMT

PET CENTER OF EXCELLENCE

Peter E. Valk, MD, Memorial Lectureship

Created to honor the memory of Dr. Valk, a pioneer in the establishment of PET as an important clinical study, this Award recognizes individuals who have made significant contributions to the advancement of PET, including PET/CT, PET/MRI and other emerging technologies, as well as those individuals who are dedicated to the PET Center of Excellence.



Homer Macapinlac, MD, FACNM

RESEARCH, GRANTS, & SCHOLARSHIPS

NEW! MARS SHOT RESEARCH FUND

This grant is one of five awarded in the inaugural year of the new SNMMI Mars Shot Research Fund, which was established to provide resources that translate visionary nuclear medicine imaging, radiopharmaceutical therapy and data science research or projects into tools or treatments that will help improve the lives of patients.

2023 Recipients:

Amir Iravani, MD; Paul Ellison, PhD; Peter Scott, PhD; Melanie Sanford, PhD; Craig Levin, PhD; Randy Yeh, MD; and Julie Sutcliffe, PhD

NEW! SNMMI-LOBULAR BREAST CANCER ALLIANCE INVASIVE LOBULAR CARCINOMA IMAGING RESEARCH GRANT

Research projects that focus on ILC studies and that include radionuclide imaging or therapy are of a particular interest and will be favored during the review process. Priority projects may have radionuclide imaging as the primary focus of the proposed research, or alternatively, research may investigate methods that integrate other imaging and/or molecular science with radionuclide methods, including research focusing on hybrid imaging techniques such as PET/CT, SPECT/CT and PET/MRI.

2023 Recipient: *Marina Sharifi, MD, PhD*

MITZI & WILLIAM BLAHD, MD, PILOT RESEARCH GRANT

Supports a basic or clinical scientist in the early stages of their career conducting research that may lead to further funding.

2023 Recipient: *Israt S. Alam, PhD*

SNMMI-TS CAREER ADVANCEMENT GRANT

Supports nuclear medicine technologists pursuing additional educational opportunities to advance their professional career.

2023 Recipients: *Melody Yarbrough, CNMT, RT(N); Kathryn Beaulieu, BS, CNMT, PET, RT(N)(CT); Dylan Shimerda, CNMT; David Kelkis, CNMT, NMTCB(CT); Holly Karsch, CNMT; Nicole Beaulieu, CNMT; Sarah Frye, MBA, CNMT, PET, CCRP*

MEDICAL & SCIENCE STUDENT RESEARCH GRANT

Supports the participation of high-achieving students in a molecular imaging/therapy research project, introducing them to molecular imaging and targeted radiotherapy as a potential career path.

2023 Recipients: *Vibha Balaji, Grayson Gimblet, Kelly Trinh, Peter Sang Uk Park, Maliha Imami, Huitian Xia, Kweku Enninful, Abhijit Bhattaru*

2023-2025 ERF SNMMI MOLECULAR IMAGING RESEARCH GRANT FOR JUNIOR ACADEMIC FACULTY AWARD

Supports one junior faculty member in an academic/research setting, and to enable them to engage in Molecular Imaging research related to diagnostic or therapeutic applications.

2023 Recipient: *Remco Bastiaannet, MSc*

2023 SCHOLARSHIPS

SUSAN C. WEISS CLINICAL ADVANCEMENT SCHOLARSHIP

In honor of Susan C. Weiss, SNMMI-TS past president and former executive director of the Education and Research Foundation for SNMMI, this scholarship serves to support a certified nuclear medicine technologist member who is pursuing clinical advancement through a didactic educational program.

Recipient: *Ashlee Thomas, CNMT*

PDEF MICKEY WILLIAMS MINORITY SCHOLARSHIP

This scholarship honors the memory of Mickey Williams, a past SNMMI-TS president who immigrated to the United States from Jamaica and supports minority pursuing a two- or four-year degree in nuclear medicine.

Recipient: *Leila Alsarag and Jamaica Dean*

PDEF PROFESSIONAL DEVELOPMENT SCHOLARSHIP

Serves to support a student who is employed as a technologist and is actively pursuing an advanced degree related to his/her nuclear medicine career.

Recipient: *Kathryn M. Beaulieu, BS, CNMT, PET, RT(N)(CT)*

ERF SNMMI-TS BACHELOR'S OR MASTER'S DEGREE COMPLETION SCHOLARSHIP

Serves to support current nuclear medicine student technologists in a BS or MS nuclear medicine technology training program or nuclear medicine technologists who are pursuing a BS or MS degree related to their nuclear medicine careers.

Recipients: *Fernando Anleu and Leila Alsarag*

ERF SNMMI-TS ADVANCED DEGREE SCHOLARSHIP

Serves to support a student who is pursuing an advanced program to advance his/her career in nuclear medicine.

Recipients: *Diane Soulek, CNMT, NCT, PET, RT(N) and Kathryn Beaulieu, BS, CNMT, PET, RT(N)(CT)*

PAUL COLE TECHNOLOGIST SCHOLARSHIP

Named in memory of Paul Cole, CNMT, President of the SNMMI Technologist Section (SNMMI-TS) in 1986 and known champion of education for technologists, this scholarship supports a student in training (or accepted) at an accredited nuclear medicine technology program.

Recipients: *Emily Biscoe, Ewelina Bobak, Sammy Dang, Shelby Harmon, Xavier Hertzner, Chun Kit Ho, Jenah Knafelc, Lauren Lobner, Jaylee Messmer, Alexah Sloan*

2023 PUBLICATION AWARDS

THE JOURNAL OF NUCLEAR MEDICINE BEST PAPER AWARDS

EDITORS' CHOICE AWARD FOR THE BEST CLINICAL ARTICLE IN 2022

is presented to

Richard P. Baum, Christiane Schuchardt, Aviral Singh, Maythinee Chantadisai, Franz C. Robiller, Jingjing Zhang, Dirk Mueller, Alexander Eismant, Frankis Almaguel, Dirk Zboralski, Frank Osterkamp, Aileen Hoehne, Ulrich Reineke, Christiane Smerling, and Harshad R. Kulkarni

Theranostics Center for Molecular Radiotherapy and Molecular Imaging,
Zentralklinik Bad Berka, Bad Berka, Germany

for

**Feasibility, Biodistribution, and Preliminary Dosimetry in
Peptide-Targeted Radionuclide Therapy of Diverse Adenocarcinomas
Using ^{177}Lu -FAP-2286: First-in-Humans Results**

J Nucl Med. 2022; 63:415–423

EDITORS' CHOICE AWARD FOR THE BEST BASIC SCIENCE ARTICLE IN 2022

is presented to

Ronnie C. Mease, Choong Mo Kang, Vivek Kumar, Sangeeta Ray Banerjee, Il Minn, Mary Brummet, Kathleen L. Gabrielson, Yutian Feng, Andrew Park, Ana P. Kiess, George Sgouros, Ganesan Vaidyanathan, Michael R. Zalutsky, and Martin G. Pomper

Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University
School of Medicine, Baltimore, Maryland

for

An Improved ^{211}At -Labeled Agent for PSMA-Targeted α -Therapy

J Nucl Med. 2022; 63:259–267

EDITORS' CHOICE AWARD FOR THE OVERALL BEST ARTICLE IN 2022

is presented to

Richard P. Baum, Christiane Schuchardt, Aviral Singh, Maythinee Chantadisai, Franz C. Robiller, Jingjing Zhang, Dirk Mueller, Alexander Eismant, Frankis Almaguel, Dirk Zboralski, Frank Osterkamp, Aileen Hoehne, Ulrich Reineke, Christiane Smerling, and Harshad R. Kulkarni

Theranostics Center for Molecular Radiotherapy and Molecular Imaging,
Zentralklinik Bad Berka, Bad Berka, Germany

for

**Feasibility, Biodistribution, and Preliminary Dosimetry in
Peptide-Targeted Radionuclide Therapy of Diverse Adenocarcinomas
Using ^{177}Lu -FAP-2286: First-in-Humans Results**

J Nucl Med. 2022; 63:415–423

2023 PUBLICATION AWARDS

EDITORS' CHOICE AWARD FOR 1ST PLACE ARTICLE IN 2022

is presented to

Geoffrey M. Currie, Marko Trifunovic, Jui Liu, Sang Kim, and Howard Gurney
Faculty of Science, Charles Sturt University, Wagga Wagga, Australia

for

¹⁸F-DCFPyL PET/CT in Metastatic Renal Cell Carcinoma
J. Nucl. Med. Technol. 2022; 50:282–285

EDITORS' CHOICE AWARD FOR 2ND PLACE ARTICLE IN 2022

is presented to

Christopher Fecca, Jee Moon, David Posocco, Huaqing Zhao, and Simin Dadparvar
Lewis Katz School of Medicine, Philadelphia, Pennsylvania

for

Accuracy of ¹²³I-Sodium Thyroid Imaging in Calculating Thyroid Volume
J. Nucl. Med. Technol. 2022; 50:322–326

EDITORS' CHOICE AWARD FOR 3RD PLACE ARTICLE IN 2022

is presented to

Dhruvil Naik, Sarah Ternan, Rene Degagne, Wanzhen Zeng, and Ran Klein
Department of Mechanical Engineering, University of Ottawa, Ottawa, Ontario, Canada

for

Thyroid Uptake Exceeding 100%: Causes and Prevention
J. Nucl. Med. Technol. 2022; 50:153–160

EDITORS' CHOICE AWARD FOR BEST CONTINUING EDUCATION ARTICLE IN 2022

is presented to

Krystle Glasgow, Mike Dillard, Eric Hertenstein, Allen Justin, Remo George, and Amy Brady
Nuclear Medicine and Molecular Imaging Sciences Program, Department of Clinical and Diagnostic Sciences,
School of Health Professions, University of Alabama at Birmingham, Birmingham, Alabama

for

Going Nuclear with Amino Acids and Proteins: Basic Biochemistry and Molecular Biology Primer for the Technologist
J. Nucl. Med. Technol. 2022; 50:186–194

EDITORS' CHOICE AWARD FOR BEST EDUCATORS' FORUM ARTICLE IN 2022

is presented to

Sarah Frye and Jennifer Prekeges
Saint Louis University, St. Louis, Missouri

for

Interview with Nuclear Medicine Technology Educators on the Impact of COVID-19 on Programs, Outcomes, and Employers
J. Nucl. Med. Technol. 2022; 50:174–178

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Choice Is Good at Times: The Emergence of [⁶⁴Cu]Cu-DOTATATE-Based Somatostatin Receptor Imaging in the Era of [⁶⁸Ga]Ga-DOTATATE

Abhishek Jha, Mayank Patel, Jorge A. Carrasquillo, Clara C. Chen, Corina Millo, Roberto Maass-Moreno, Alexander Ling, Frank I. Lin, Ronald M. Lechan, Thomas A. Hope, David Taieb, Ali Cahid Civelek, and Karel Pacak

National Institutes of Health, Bethesda, Maryland

J Nucl Med 2022; 63:1300–1301

Combined PARP1-Targeted Nuclear Contrast and Reflectance Contrast Enhance Confocal Microscopic Detection of Basal Cell Carcinoma

Aditi Sahu, Jose Cordero, Xiancheng Wu, Susanne Kossatz, Ucalene Harris, Paula Demetrio Desouza Franca, Nicholas R. Kurtansky, Niasia Everett, Stephen Dusza, Jilliana Monnier, Piyush Kumar, Christi Fox, Christian Brand, Sheryl Roberts, Kivanc Kose, William Phillips, Erica Lee, Chih-Shan Jason Chen, Anthony Rossi, Kishwer Nehal, Melissa Pulitzer, Caterina Longo, Allan Halpern, Thomas Reiner, Milind Rajadhyaksha, and Manu Jain

Dermatology Service, MSKCC, New York, New York

J Nucl Med 2022; 63:912–918

Combination of Carriers with Complementary Intratumoral Microdistributions of Delivered α -Particles May Realize the Promise for ²²⁵Ac in Large, Solid Tumors

Alaina Howe, Omkar Bhatavdekar, Dominick Salerno, Anders Josefsson, Jesus Pacheco-Torres, Zaver M. Bhujwalla, Kathleen L. Gabrielson, George Sgouros, and Stavroula Sofou

Chemical and Biomolecular Engineering, Institute for NanoBioTechnology, Johns Hopkins University, Baltimore, Maryland

J Nucl Med 2022; 63:1223–1230

Synthesis and Preclinical Evaluation of ¹⁷⁷Lu-Labeled Radiohybrid PSMA Ligands for Endoradiotherapy of Prostate Cancer

Alexander Wurzer, Jan-Philip Kunert, Sebastian Fischer, Veronika Felber, Roswitha Beck, Francesco de Rose, Calogero D'Alessandria, Wolfgang Weber, and Hans-Jürgen Wester

Chair of Pharmaceutical Radiochemistry, Technical University of Munich, Garching, Germany

J Nucl Med 2022; 63:1489–1495

Optimizing Immuno-PET Imaging of Tumor PD-L1 Expression: Pharmacokinetic, Biodistribution, and Dosimetric Comparisons of ⁸⁹Zr-Labeled Anti-PD-L1 Antibody Formats

Alizée Bouleau, Hervé Nozach, Steven Dubois, Dimitri Kereselidze, Céline Chevaléyre, Cheng-I Wang, Michael J. Evans, Vincent Lebon, Bernard Maillère, and Charles Truillet

Paris-Saclay University, CEA, CNRS, INSERM, Multimodal Biomedical Imaging Lab, Orsay, France

J Nucl Med 2022; 63:1259–1265

A Comparison of ¹⁸F-DCFPyL, ¹⁸F-NaF, and ¹⁸F-FDG PET/CT in a Prospective Cohort of Men with Metastatic Prostate Cancer

Aloyse Fourquet, Adrian Rosenberg, Esther Mena, Joanna J. Shih, Baris Turkbey, Maxime Blain, Ethan Bergvall, Frank Lin, Stephen Adler, Ilhan Lim, Ravi A. Madan, Fatima Karzai, James L. Gulley, William L. Dahut, Bradford J. Wood, Richard Chang, Elliot Levy, Peter L. Choyke, and Liza Lindenberg

Molecular Imaging Branch, National Cancer Institute, National Institutes of Health, Bethesda, Maryland

J Nucl Med 2022; 63:735–741

A Dimeric FAP-Targeting Small-Molecule Radioconjugate with High and Prolonged Tumor Uptake

Andrea Galbiati, Aureliano Zana, Matilde Bocci, Jacopo Millul, Abdullah Elsayed, Jacqueline Mock, Dario Neri, and Samuele Cazzamalli

Research and Development Department, Philochem AG, Otelfingen, Switzerland

J Nucl Med 2022; 63:1852–1858

Advances in Detector Instrumentation for PET

Andrea Gonzalez-Montoro, Muhammad Nasir Ullah, and Craig S. Levin

Department of Radiology, Molecular Imaging Program at Stanford University, Stanford, California

J Nucl Med 2022; 63:1138–1144

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Tumor Sink Effect in ^{68}Ga -PSMA-11 PET: Myth or Reality?

Andrei Gafita, Hui Wang, Andrew Robertson, Wesley R. Armstrong, Raphael Zaum, Manuel Weber, Farid Yagubbayli, Clemens Kratochwil, Tristan R. Grogan, Kathleen Nguyen, Fernando Navarro, Rouzbeh Esfandiari, Isabel Rauscher, Bjoern Menze, David Elashoff, Ebrahim S. Delpassand, Ken Herrmann, Johannes Czernin, Michael S. Hofman, Jeremie Calais, Wolfgang P. Fendler, and Matthias Eiber

Ahmanson Translational Theranostics Division, Department of Molecular and Medical Pharmacology, UCLA, Los Angeles, California

J Nucl Med 2022; 63:226–232

Novel Framework for Treatment Response Evaluation Using PSMA PET/CT in Patients with Metastatic Castration-Resistant Prostate Cancer (RECIP 1.0): An International Multicenter Study

Andrei Gafita, Isabel Rauscher, Manuel Weber, Boris Hadaschik, Hui Wang, Wesley R. Armstrong, Robert Tauber, Tristan R. Grogan, Johannes Czernin, Matthew B. Rettig, Ken Herrmann, Jeremie Calais, Wolfgang A. Weber, Matthias R. Benz, Wolfgang P. Fendler, and Matthias Eiber

Ahmanson Translational Theranostics Division, Department of Molecular and Medical Pharmacology, UCLA, Los Angeles, California

J Nucl Med 2022; 63:1651–1658

CD133 as a Biomarker for an Autoantibody-to-ImmunoPET Paradigm for the Early Detection of Small Cell Lung Cancer

Andrew G. Kunihiro, Samantha M. Sarrett, Kristin J. Lastwika, Joell L. Solan, Tatyana Pisarenko, Outi Keinänen, Cindy Rodriguez, Lydia R. Taverne, Annette L. Fitzpatrick, Christopher I. Li, A. McGarry Houghton, Brian M. Zeglis, and Paul D. Lampe

Translational Research Program, Public Health Sciences Division, Fred Hutchinson Cancer Research Center, Seattle, Washington

J Nucl Med 2022; 63:1701–1707

Evolution of ^{18}F -FDG PET/CT Findings in Patients After COVID-19: An Initial Investigation

Andrew Thornton, Francesco Fraioli, Simon Wan, Helen S. Garthwaite, Balaji Ganeshan, Robert I. Shortman, Raymond Endozo, Stefan Vöö, Irfan Kayani,

Deena Neriman, Leon Menezes, Jamshed Bomanji, Toby Hillman, Melissa Heightman, Joanna C. Porter, and Ashley M. Groves

Institute of Nuclear Medicine, UCLH/UCL, London, United Kingdom

J Nucl Med 2022; 63:270–273

Study of ^{89}Zr -Pembrolizumab PET/CT in Patients With Advanced-Stage Non-Small Cell Lung Cancer

Anna-Larissa N. Niemeijer, Daniela E. Oprea-Lager, Marc C. Huisman, Otto S. Hoekstra, Ronald Boellaard, Berinda J. de Wit-van der Veen, Idris Bahce, Daniëlle J. Vugts, Guus A.M.S. van Dongen, Erik Thunnissen, Egbert F. Smit, and Adrianus J. de Langen

Department of Pulmonary Diseases, Cancer Center Amsterdam, Amsterdam University Medical Centers, Amsterdam, The Netherlands

J Nucl Med 2022; 63:362–367

Toward a Patient-Specific Traceable Quantification of SPECT/CT-Based Radiopharmaceutical Distributions

Anna-Lena Theisen, Michael Lassmann, and Johannes Tran-Gia

Department of Nuclear Medicine, University of Würzburg, Würzburg, Germany

J Nucl Med 2022; 62:1108–1116

Experience with a Perfusion-Only Screening Protocol for Evaluation of Pulmonary Embolism During the COVID-19 Pandemic Surge

Arun Kumar, Renée M. Moadel, Linda B. Haramati, Kenny Ye, Leonard M. Freeman, and Lionel S. Zuckier

Division of Nuclear Medicine, Montefiore Medical Center and Albert Einstein College of Medicine, Bronx, New York

J Nucl Med 2022; 63:598–601

Detection of Additional Primary Neoplasms on ^{18}F -Fluciclovine PET/CT in Patients with Primary Prostate Cancer

Ashwin Singh Parihar, Lisa R. Schmidt, Farrokh Dehdashti, and Richard L. Wahl

Mallinckrodt Institute of Radiology, Washington University School of Medicine, Saint Louis, Missouri

J Nucl Med 2022; 63:713–719

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Pretherapeutic Comparative Dosimetry of ^{177}Lu -rhPSMA-7.3 and ^{177}Lu -PSMA I&T in Patients with Metastatic Castration-Resistant Prostate Cancer

Benedikt Feurecker, Maythinee Chantadisai, Anne Allmann, Robert Tauber, Jakob Allmann, Lisa Steinhelfer, Isabel Rauscher, Alexander Wurzer, Hans-Jürgen Wester, Wolfgang A. Weber, Calogero d'Alessandria, and Matthias Eiber

Department of Nuclear Medicine, School of Medicine, Technical University of Munich, München, Germany

J Nucl Med 2022; 63:833–839

Cyclooxygenases as Potential PET Imaging Biomarkers to Explore Neuroinflammation in Dementia

Bruny V. Kenou, Lester S. Manly, Sara B. Rubovits, Somachukwu A. Umeozulu, Maia G. Van Buskirk, Andrea S. Zhang, Victor W. Pike, Paolo Zanotti-Fregonara, Ioline D. Henter, and Robert B. Innis

Molecular Imaging Branch, National Institute of Mental Health, National Institutes of Health, Bethesda, Maryland

J Nucl Med 2022; 63(suppl 1):53S–59S

First In Vivo and Phantom Imaging of Cyclotron-Produced ^{133}La as a Theranostic Radionuclide for ^{225}Ac and ^{135}La

Bryce J.B. Nelson, Simon Ferguson, Melinda Wuest, John Wilson, M. John M. Duke, Susan Richter, Hans Soenke-Jans, Jan D. Andersson, Freimut Juengling, and Frank Wuest

Department of Oncology, Cross Cancer Institute, University of Alberta, Edmonton, Alberta, Canada

J Nucl Med 2022; 63:584–590

Comparison of ^{11}C -Pittsburgh Compound B and ^{18}F -Flutemetamol White Matter Binding in PET

Burcu Zeydan, Christopher G. Schwarz, Scott A. Przybelski, Timothy G. Lesnick, Walter K. Kremers, Matthew L. Senjem, Orhun H. Kantarci, Paul H. Min, Bradley J. Kemp, Clifford R. Jack, Kejal Kantarci, and Val J. Lowe

Department of Radiology, Mayo Clinic, Rochester, Minnesota

J Nucl Med 2022; 63:1239–1244

Striatal Acetylcholine–Dopamine Imbalance in Parkinson Disease: In Vivo Neuroimaging Study with Dual-Tracer PET and Dopaminergic PET-Informed Correlational Tractography

Carlos A. Sanchez-Catusus, Nicolaas I. Bohnen, Nicholas D'Cruz, and Martijn L.T.M. Müller

Division of Nuclear Medicine, Department of Radiology, University of Michigan Health System, Ann Arbor, Michigan

J Nucl Med 2022; 63:438–445

Longitudinal Imaging of T Cells and Inflammatory Demyelination in a Preclinical Model of Multiple Sclerosis Using ^{18}F -FARA-G PET and MRI

Caroline Guglielmetti, Jelena Levi, Tony L. Huynh, Brice Tiret, Joseph Blecha, Ryan Tang, Henry VanBrocklin, and Myriam M. Chaumeil

Department of Physical Therapy and Rehabilitation Science, University of California, San Francisco, San Francisco, California

J Nucl Med 2022; 63:140–146

PET Tracing of Biodistribution for Orally Administered ^{64}Cu -Labeled Polystyrene in Mice

Changkeun Im, Hyeonggi Kim, Javeria Zaheer, Jung Young Kim, Yong-jin Lee, Choong Mo Kang, and Jin Su Kim

Division of Applied RI, Korea Institute of Radiological and Medical Sciences, Seoul, Korea

J Nucl Med 2022; 63:461–467

Using ^{68}Ga -PSMA-11 PET/CT for Therapy Response Assessment in Patients with Metastatic Castration-Resistant Prostate Cancer: Application of EAU/EANM Recommendations in Clinical Practice

Chloé S. Denis, François Cousin, Bram De Laere, Roland Hustinx, Brieuc R. Sautois, and Nadia Withofs

Medical Oncology Department, University Hospital of Liège, Liège, Belgium

J Nucl Med 2022; 63:1815–1821

2023 PUBLICATION AWARDS

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Prevalence and Outcomes of Cardiac Amyloidosis in All-Comer Referrals for Bone Scintigraphy

Christian Nitsche, Katharina Mascherbauer, Raffaella Calabretta, Matthias Koschutnik, Carolina Dona, Varius Dannenberg, Felix Hofer, Kseniya Halavina, Andreas A. Kammerlander, Tatjana Traub-Weidinger, Georg Goliasch, Christian Hengstenberg, Marcus Hacker, and Julia Mascherbauer

Department of Internal Medicine II, Medical University of Vienna, Vienna, Austria

J Nucl Med 2022; 63:1906–1911

Antibody Engineering for Nuclear Imaging and Radioimmunotherapy

Cindy Rodriguez, Samantha Delaney, Samantha M. Sarrett, Outi M. Keinänen, and Brian M. Zeglis

Department of Chemistry, Hunter College, City University of New York, New York, New York

J Nucl Med 2022; 63:1316–1322

Enhancing ^{223}Ra Treatment Efficacy by Anti- $\beta 1$ Integrin Targeting

Claudia Paindelli, Stefano Casarin, Feng Wang, Luis Diaz-Gomez, Jianhua Zhang, Antonios G. Mikos, Christopher J. Logothetis, Peter Friedl, and Eleonora Dondossola

Department of Genitourinary Medical Oncology and David H. Koch Center for Applied Research of Genitourinary Cancers, University of Texas M.D. Anderson Cancer Center, Houston, Texas

J Nucl Med 2022; 63:1039–1045

^{18}F -FDG PET Improves Baseline Clinical Predictors of Response in Diffuse Large B-Cell Lymphoma: The HOVON-84 Study

Coreline N. Burggraaff, Jakoba J. Eertink, Pieternella J. Lugtenburg, Otto S. Hoekstra, Anne I.J. Arens, Bart de Keizer, Martijn W. Heymans, Bronno van der Holt, Sanne E. Wieggers, Simone Pieplenbosch, Ronald Boellaard, Henrica C.W. de Vet, and Josée M. Zijlstra, on behalf of the HOVON Imaging Working Group and the HOVON Lymphoma Working Group

Department of Hematology, Amsterdam UMC, Cancer Center Amsterdam, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands

J Nucl Med 2022; 63:1001–1007

A Longitudinal PET/MRI Study of Colony-Stimulating Factor 1 Receptor-Mediated Microglia Depletion in Experimental Stroke

Cristina Barca, Amanda J. Kiliaan, Claudia Foray, Lydia Wachsmuth, Sven Hermann, Cornelius Faber, Michael Schäfers, Maximilian Wiesmann, Andreas H. Jacobs, and Bastian Zinnhardt

European Institute for Molecular Imaging, University of Münster, Münster, Germany

J Nucl Med 2022; 63:446–452

Short-Term Colony-Stimulating Factor 1 Receptor Inhibition-Induced Repopulation After Stroke Assessed by Longitudinal ^{18}F -DPA-714 PET Imaging

Cristina Barca, Amanda J. Kiliaan, Lydia Wachsmuth, Claudia Foray, Sven Hermann, Cornelius Faber, Michael Schäfers, Maximilian Wiesmann, Bastian Zinnhardt, and Andreas H. Jacobs

European Institute for Molecular Imaging, University of Münster, Münster, Germany

J Nucl Med 2022; 63:1408–1414

Incidental Findings Suggestive of COVID-19 Pneumonia in Oncologic Patients Undergoing ^{18}F -FDG PET/CT Studies: Association Between Metabolic and Structural Lung Changes

Cristina Gamila Wakfie-Corieh, Federico Ferrando-Castagnetto, Alba María Blanes García, Marta García García-Esquinas, Aída Ortega Candil, Cristina Rodríguez Rey, María Nieves Cabrera-Martín, Ana Delgado Cano, and José Luis Carreras Delgado

Department of Nuclear Medicine, Hospital Clínico San Carlos, Madrid, Spain

J Nucl Med 2022; 63:274–279

Dosimetric Quantities in Neuroendocrine Tumors over Treatment Cycles with ^{177}Lu -DOTATATE

Daniel Roth, Johan Gustafsson, Carl Fredrik Warfvinge, Anna Sundlöv, Anna Åkesson, Jan Tennvall, and Katarina Sjögreen Gleisner

Department of Medical Radiation Physics, Clinical Sciences Lund, Lund University, Lund, Sweden

J Nucl Med 2022; 63:399–405

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Impact of ComBat Harmonization on PET Radiomics-Based Tissue Classification: A Dual-Center PET/MRI and PET/CT Study

Doris Leithner, Heiko Schöder, Alexander Haug, H. Alberto Vargas, Peter Gibbs, Ida Häggström, Ivo Rausch, Michael Weber, Anton S. Becker, Jazmin Schwartz, and Marius E. Mayerhoefer

Department of Radiology, Memorial Sloan Kettering Cancer Center, New York, New York

J Nucl Med 2022; 63:1611–1616

Efficient Delay Correction for Total-Body PET Kinetic Modeling Using Pulse Timing Methods

Elizabeth J. Li, Benjamin A. Spencer, Jeffrey P. Schmall, Yasser Abdelhafez, Ramsey D. Badawi, Guobao Wang, and Simon R. Cherry

Department of Biomedical Engineering, University of California Davis, Davis, California

J Nucl Med 2022; 63:1266–1273

Imaging Dopaminergic Neurotransmission in Neurodegenerative Disorders

Elon D. Wallert, Elsmarieke van de Giessen, Remco J.J. Knol, Martijn Beudel, Rob M.A. de Bie, and Jan Booij

Department of Radiology and Nuclear Medicine, Amsterdam UMC, University of Amsterdam, Amsterdam, The Netherlands

J Nucl Med 2022; 63(suppl 1):275–325

¹⁸F-DOPA PET/CT at the Forefront of Initial or Presurgical Evaluation of Small-Intestine Neuroendocrine Tumors

Eric Ouvrard, Louis De Mestier, Caroline Boursier, Boumediene Lachachi, Nicolas Sahakian, Elodie Chevalier, Nidaa Mikail, Josefina Carullo, Aurélie Bando-Delaunay, Thomas Walter, Gabriel G. Malouf, Pietro Addeo, Gilles Poncet, Frederic Sebag, Rachida Lebtahi, Bernard Goichot, David Taïeb, and Alessio Imperiale

Nuclear Medicine and Molecular Imaging, Institut de Cancérologie Strasbourg Europe, University Hospitals of Strasbourg, University of Strasbourg, Strasbourg, France

J Nucl Med 2022; 63:1865–1870

Prospective Phase II Trial of Prognostication by ⁶⁸Ga-NOTA-AE105 uPAR PET in Patients with Neuroendocrine Neoplasms: Implications for uPAR-Targeted Therapy

Esben Andreas Carlsen, Mathias Loft, Annika Loft, Anne Kiil Berthelsen, Seppo W. Langer, Ulrich Knigge, and Andreas Kjaer

Department of Clinical Physiology and Nuclear Medicine & Cluster for Molecular Imaging, Copenhagen University Hospital – Rigshospitalet & Department of Biomedical Sciences, University of Copenhagen, Copenhagen, Denmark

J Nucl Med 2022; 63:1371–1377

Latest Advances in Multimodality Imaging of Aortic Stenosis

Evangelos Tzolos, Jacek Kwiecinski, Daniel Berman, Piotr Slomka, David E. Newby, and Marc R. Dweck

British Heart Foundation Centre for Cardiovascular Science, University of Edinburgh, Edinburgh, United Kingdom

J Nucl Med 2022; 63:353–358

Dynamic Amyloid PET: Relationships to ¹⁸F-Flortaucipir Tau PET Measures

Fabio Raman, Yu-Hua Dean Fang, Sameera Grandhi, Charles F. Murchison, Richard E. Kennedy, John C. Morris, Parinaz Massoumzadeh, Tammie Benzinger, Erik D. Roberson, and Jonathan McConathy

Department of Radiology, University of Alabama at Birmingham, Birmingham, Alabama

J Nucl Med 2022; 63:287–293

Precision Surgery Guided by Intraoperative Molecular Imaging

Feredun Azari, Kevin Zhang, Gregory T. Kennedy, Ashley Chang, Bilal Nadeem, Edward J. Delikatny, and Sunil Singhal

Department of Thoracic Surgery, University of Pennsylvania Perelman School of Medicine, Philadelphia, Pennsylvania

J Nucl Med 2022; 63:1620–1627

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Repetitive Early ^{68}Ga -FAPI PET Acquisition Comparing ^{68}Ga -FAPI-02, ^{68}Ga -FAPI-46, and ^{68}Ga -FAPI-74: Methodologic and Diagnostic Implications for Malignant, Inflammatory/Reactive, and Degenerative Lesions

Frederik M. Glatting, Jorge Hoppner, Dawn P. Liew, Antonia van Genabith, Anna-Maria Spektor, Levin Steinbach, Alexander Hubert, Clemens Kratochwil, Frederik L. Giesel, Katharina Dendl, Hendrik Rathke, Hans-Ulrich Kauczor, Peter E. Huber, Uwe Haberkorn, and Manuel Röhrich

Department of Nuclear Medicine, University Hospital Heidelberg, Heidelberg, Germany

J Nucl Med 2022; 63:1844–1851

Fluorescent Molecular Imaging Can Improve Intraoperative Sentinel Margin Detection in Oral Squamous Cell Carcinoma

Giri Krishnan, Nynke S. van den Berg, Naoki Nishio, Shrey Kapoor, Jaqueline Pei, Laura Freeman, Yu-Jin Lee, Quan Zhou, Stan van Keulen, Shayan Farkunjad, James Condon, Fred M. Baik, Brock A. Martin, and Eben L. Rosenthal

Department of Otolaryngology–Head and Neck Surgery, Stanford University School of Medicine, Stanford, California

J Nucl Med 2022; 63:1162–1168

Dosimetric Evaluation of the Effect of Receptor Heterogeneity on the Therapeutic Efficacy of Peptide Receptor Radionuclide Therapy: Correlation with DNA Damage Induction and In Vivo Survival

Giulia Tamborino, Julie Nonnekens, Marijke De Saint-Hubert, Lara Struelens, Danny Feijtel, Marion de Jong, and Mark W. Konijnenberg

Research in Dosimetric Application, Belgian Nuclear Research Centre, Mol, Belgium

J Nucl Med 2022; 63:100–107

Modeling Early Radiation DNA Damage Occurring During ^{177}Lu -DOTATATE Radionuclide Therapy

Giulia Tamborino, Yann Perrot, Marijke De Saint-Hubert, Lara Struelens, Julie Nonnekens, Marion De Jong, Mark W. Konijnenberg, and Carmen Villagrasa

Research in Dosimetric Applications, Belgian Nuclear Research Centre, Mol, Belgium

J Nucl Med 2022; 63:761–769

Glitter in the Darkness? Nonfibrillar β -Amyloid Plaque Components Significantly Impact the β -Amyloid PET Signal in Mouse Models of Alzheimer Disease

Gloria Biechele, Laura Sebastian Monasor, Karin Wind, Tanja Blume, Samira Parhizkar, Thomas Arzberger, Christian Sacher, Leonie Beyer, Florian Eckenweber, Franz-Josef Gildehaus, Barbara von Ungern-Sternberg, Michael Willem, Peter Bartenstein, Paul Cumming, Axel Rominger, Jochen Herms, Stefan F. Lichtenthaler, Christian Haass, Sabina Tahirovic, and Matthias Brendel

Department of Nuclear Medicine, University Hospital of Munich, LMU Munich, Munich, Germany

J Nucl Med 2022; 63:117–124

Effects of Tracer Uptake Time in Non-Small Cell Lung Cancer ^{18}F -FDG PET Radiomics

Guilherme D. Kolinger, David Vázquez García, Gerbrand Maria Kramer, Virginie Frings, Gerben J.C. Zwezerijnen, Egbert F. Smit, Adrianus Johannes de Langen, Irène Buvat, and Ronald Boellaard

Medical Imaging Center, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands

J Nucl Med 2022; 63:919–924

^{18}F -FDG PET/CT–Based Prognostic Survival Model After Surgery for Head and Neck Cancer

Gwenaëlle Creff, Franck Jegoux, Xavier Palard, Adrien Depeursinge, Ronan Abgral, Remi Marianowski, Jean-Christophe Leclerc, Thomas Eugene, Olivier Malard, Renaud De Crevoisier, Anne Devillers, and Joel Castelli

Department of Otolaryngology–Head and Neck Surgery (HNS), University Hospital, Rennes, France

J Nucl Med 2022; 63:1378–1385

Evaluation of Deep Learning–Based Approaches to Segment Bowel Air Pockets and Generate Pelvic Attenuation Maps from CAIPIRINHA-Accelerated Dixon MR Images

Hasan Sari, Ja Reaungamornrat, Onofrio A. Catalano, Javier Vera-Olmos, David Izquierdo-Garcia, Manuel A. Morales, Angel Torrado-Carvajal, Thomas S.C. Ng, Norberto Malpica, Ali Kamen, and Ciprian Catana

Athinoula A. Martinos Center for Biomedical Imaging, Massachusetts General Hospital and Harvard Medical School, Charlestown, Massachusetts

J Nucl Med 2022; 63:468–475

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Correlation of ^{68}Ga -RM2 PET with Postsurgery Histopathology Findings in Patients with Newly Diagnosed Intermediate- or High-Risk Prostate Cancer

Heying Duan, Lucia Baratto, Richard E. Fan, Simon John Christoph Soerensen, Tie Liang, Benjamin Inbeh Chung, Alan Eih Chih Thong, Harcharan Gill, Christian Kunder, Tanya Stoyanova, Mirabela Rusu, Andreas M. Loening, Pejman Ghanouni, Guido A. Davidzon, Farshad Moradi, Geoffrey A. Sonn, and Andrei Iagaru

Division of Nuclear Medicine and Molecular Imaging, Department of Radiology, Stanford University, Stanford, California

J Nucl Med 2022; 63:1829–1835

c-MET Receptor-Targeted Fluorescence on the Road to Image-Guided Surgery in Penile Squamous Cell Carcinoma Patients

Hielke M. de Vries, Elise Bekers, Matthias N. van Oosterom, M. Baris Karakullukcu, Henk G. van, der Poel, Fijis W.B. van Leeuwen, Tessa Buckle, and Oscar R. Brouwer

Department of Urology, Netherlands Cancer Institute, Amsterdam, The Netherlands

J Nucl Med 2022; 63:51–56

Comparing Semiquantitative and Qualitative Methods of Vascular ^{18}F -FDG PET Activity Measurement in Large-Vessel Vasculitis

Himanshu R. Dashora, Joel S. Rosenblum, Kaitlin A. Quinn, Hugh Alessi, Elaine Novakovich, Babak Saboury, Mark A. Ahlman, and Peter C. Grayson

Systemic Autoimmunity Branch, NIAMS, National Institutes of Health, Bethesda, Maryland

J Nucl Med 2022; 63:280–286

^{18}F -DCFPyL PET Acquisition, Interpretation, and Reporting: Suggestions After Food and Drug Administration Approval

Hong Song, Andrei Iagaru, and Steven P. Rowe

Division of Nuclear Medicine and Molecular Imaging, Department of Radiology, Stanford University, Stanford, California

J Nucl Med 2022; 63:855–859

Antiandrogen Therapy Radiosensitizes Androgen Receptor-Positive Cancers to ^{18}F -FDG

Indulekha Singaravelu, Henry Spitz, Mary Mahoney, Zhongyun Dong, and Nalinikanth Kotagiri

Division of Pharmaceutical Sciences, James L. Winkle College of Pharmacy, University of Cincinnati, Cincinnati, Ohio

J Nucl Med 2022; 63:1177–1183

A Radiotracer for Molecular Imaging and Therapy of Gastrin-Releasing Peptide Receptor-Positive Prostate Cancer

Ivica J. Bratanovic, Chengcheng Zhang, Zhengxing Zhang, Hsiou-Ting Kuo, Nadine Colpo, Jutta Zeisler, Helen Merckens, Carlos Uribe, Kuo-Shyan Lin, and François Bénard

BC Cancer, Vancouver, British Columbia, Canada

J Nucl Med 2022; 63:424–430

Machine Learning with ^{18}F -Sodium Fluoride PET and Quantitative Plaque Analysis on CT Angiography for the Future Risk of Myocardial Infarction

Jacek Kwiecinski, Evangelos Tzolos, Mohammed N. Meah, Sebastien Cadet, Philip D. Adamson, Kajetan Grodecki, Nikhil V. Joshi, Alastair J. Moss, Michelle C. Williams, Edwin J.R. van Beek, Daniel S. Berman, David E. Newby, Damini Dey, Marc R. Dweck, and Piotr J. Slomka

Division of Artificial Intelligence in Medicine, Department of Medicine, Cedars-Sinai Medical Center, Los Angeles, California

J Nucl Med 2022; 63:158–165

Quantitative Radiomics Features in Diffuse Large B-Cell Lymphoma: Does Segmentation Method Matter?

Jakoba J. Eertink, Elisabeth A.G. Pfaehler, Sanne E. Wiegers, Tim van, de Brug, Pieterella J. Lugtenburg, Otto S. Hoekstra, Josée M. Zijlstra, Henrica C.W. de Vet, and Ronald Boellaard

Department of Hematology, Amsterdam UMC, Vrije Universiteit Amsterdam, Cancer Center Amsterdam, Amsterdam, The Netherlands

J Nucl Med 2022; 63:389–395

2023 PUBLICATION AWARDS

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Epidermal Growth Factor Receptor–Targeted Fluorescence Molecular Imaging for Postoperative Lymph Node Assessment in Patients with Oral Cancer

Jasper Vonk, Jaron G. de Wit, Floris J. Voskuil, Yang Hang Tang, Wouter T.R. Hooghiemstra, Matthijs D. Linssen, Evert van den Broek, Jan J. Doff, Sebastiaan A.H.J. de Visscher, Kees-Pieter Schepman, Bert van der Vegt, Gooitzen M. van Dam, and Max J.H. Witjes

Department of Oral and Maxillofacial Surgery, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands

J Nucl Med 2022; 63:672–678

Relative Strengths of Three Linearizations of Receptor Availability: Saturation, Inhibition, and Occupancy Plots

Javad Khodaii, Mostafa Araj-Khodaei, Manouchehr S. Vafaei, Dean F. Wong, and Albert Gjedde

Department of Mechanical Engineering, Amirkabir University of Technology, Tehran, Iran

J Nucl Med 2022; 63:294–301

Signaling Pathways That Drive ¹⁸F-FDG Accumulation in Cancer

Jessica R. Salas and Peter M. Clark

Department of Molecular and Medical Pharmacology, UCLA, Los Angeles, California

J Nucl Med 2022; 63:659–663

The Overlap Index as a Means of Evaluating Early Tau PET Signal Reliability

Jeyeon Lee, Brian J. Burkett, Hoon-Ki Min, Emily S. Lundt, Sabrina M. Albertson, Hugo Botha, Matthew L. Senjem, Jeffrey L. Gunter, Christopher G. Schwarz, David T. Jones, David S. Knopman, Clifford R. Jack, Ronald C. Petersen, and Val J. Lowe

Department of Radiology, Rochester, Minnesota

J Nucl Med 2022; 63:1748–1753

Functional Characterization of Adrenocortical Masses in Nononcologic Patients Using ⁶⁸Ga-Pentixafor

Jie Ding, Anli Tong, Yushi Zhang, Jin Wen, Hui Zhang, Marcus Hacker, Li Huo, and Xiang Li

Department of Nuclear Medicine, Beijing Key Laboratory of Molecular Targeted Diagnosis and

Therapy in Nuclear Medicine and State Key Laboratory of Complex Severe and Rare Diseases, Peking Union Medical College Hospital, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China

J Nucl Med 2022; 63:368–375

Long-Term Outcomes of Transarterial Radioembolization for Large Single Hepatocellular Carcinoma: A Comparison to Resection

Jihye Kim, Ju Yeon Kim, Jeong-Hoon Lee, Dong Hyun Sinn, Moon Haeng Hur, Ji Hoon Hong, Min Kyung Park, Hee Jin Cho, Na Ryung Choi, Yun Bin Lee, Eun Ju Cho, Su Jong Yu, Yoon Jun Kim, Jin Chul Paeng, Hyo Cheol Kim, Nam-Joon Yi, Kwang-Woong Lee, Kyung-Suk Suh, Dongho Hyun, Jong Man Kim, and Jung-Hwan Yoon

Department of Internal Medicine and Liver Research Institute, Seoul National University College of Medicine, Seoul, Korea

J Nucl Med 2022; 63:1215–1222

Predicting the Outcome of Epilepsy Surgery by Covariance Pattern Analysis of Ictal Perfusion SPECT

Jila Taherpour, Mariam Jaber, Berthold Voges, Ivayla Apostolova, Thomas Sauvigny, Patrick M. House, Michael Lanz, Matthias Lindenau, Susanne Klutmann, Tobias Martens, Stefan Stodieck, and Ralph Buchert

Department of Diagnostic and Interventional Radiology and Nuclear Medicine, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

J Nucl Med 2022; 63:925–930

Cardiac Fibroblast Activation in Patients Early After Acute Myocardial Infarction: Integration with MR Tissue Characterization and Subsequent Functional Outcome

Johanna Diekmann, Tobias Koenig, James T. Thackeray, Thorsten Derlin, Christoph Czerner, Jonas Neuser, Tobias L. Ross, Andreas Schäfer, Jochen Tillmanns, Johann Bauersachs, and Frank M. Bengel

Department of Nuclear Medicine, Hannover Medical School, Hannover, Germany

J Nucl Med 2022; 63:1415–1423

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Radiotracers to Address Unmet Clinical Needs in Cardiovascular Imaging, Part 1: Technical Considerations and Perfusion and Neuronal Imaging

John C. Stendahl, Jennifer M. Kwan, Darko Pucar, and Mehran M. Sadeghi

Section of Cardiovascular Medicine, Yale University School of Medicine, New Haven, Connecticut

J Nucl Med 2022; 63:649–658

Radiotracers to Address Unmet Clinical Needs in Cardiovascular Imaging, Part 2: Inflammation, Fibrosis, Thrombosis, Calcification, and Amyloidosis Imaging

John C. Stendahl, Jennifer M. Kwan, Darko Pucar, and Mehran M. Sadeghi

Section of Cardiovascular Medicine, Yale University School of Medicine, New Haven, Connecticut

J Nucl Med 2022; 63:986–994

Molecular Imaging of Neuroendocrine Prostate Cancer by Targeting Delta-Like Ligand 3

Joshua A. Korsen, Teja M. Kalidindi, Samantha Khitrov, Zachary V. Samuels, Goutam Chakraborty, Julia A. Gutierrez, John T. Poirier, Charles M. Rudin, Yu Chen, Michael J. Morris, Nagavarakishore Pillarsetty, and Jason S. Lewis

Department of Radiology, Memorial Sloan Kettering Cancer Center, New York, New York

J Nucl Med 2022; 63:1401–1407

Cerenkov Luminescence Imaging in Prostate Cancer: Not the Only Light That Shines

Judith olde Heuvel, Berinda J. de Wit-van der Veen, Henk G. van der Poel, Pim J. van Leeuwen, Elise M. Bekers, Maarten R. Grootendorst, Kunal N. Vyas, Cornelis H. Slump, and Marcel P.M. Stokkel

Department of Nuclear Medicine, Netherlands Cancer Institute, Amsterdam, The Netherlands

J Nucl Med 2022; 63:29–35

The Impact of Semiautomatic Segmentation Methods on Metabolic Tumor Volume, Intensity, and Dissemination Radiomics in ¹⁸F-FDG PET Scans of Patients with Classical Hodgkin Lymphoma

Julia Driessen, Gerben J.C. Zwezerijnen, Heiko Schöder, Esther E.E. Drees, Marie José Kersten, Alison J. Moskowitz, Craig H. Moskowitz, Jakoba J. Eertink, Henrica C.W. de Vet, Otto S. Hoekstra, Josée M. Zijlstra, and Ronald Boellaard

Department of Hematology, Amsterdam UMC, University of Amsterdam, LYMMCARE (Lymphoma and Myeloma Center, Amsterdam), Cancer Center Amsterdam, Amsterdam, The Netherlands

J Nucl Med 2022; 63:1424–1430

Cost Effectiveness of ¹⁸F-FET PET for Early Treatment Response Assessment in Glioma Patients After Adjuvant Temozolomide Chemotherapy

Jurij Rosen, Garry Ceccon, Elena K. Bauer, Jan-Michael Werner, Caroline Tscherpel, Veronika Dunkl, Marion Rapp, Michael Sabel, Ulrich Herrlinger, Alexander Heinzl, Niklas Schäfer, Maximilian Ruge, Roland Goldbrunner, Gabriele Stoffels, Christoph Kabbasch, Gereon R. Fink, Karl-Josef Langen, and Norbert Galldiks

Department of Neurology, Faculty of Medicine and University Hospital Cologne, University of Cologne, Cologne, Germany

J Nucl Med 2022; 63:1677–1682

Initial Clinical Experience with ⁹⁰Y-FAPI-46 Radioligand Therapy for Advanced-Stage Solid Tumors: A Case Series of 9 Patients

Justin Ferdinandus, Pedro Fragoso Costa, Lukas Kessler, Manuel Weber, Nader Hirmas, Karina Kostbade, Sebastian Bauer, Martin Schuler, Marit Ahrens, Hans-Ulrich Schildhaus, Christoph Rischpler, Hong Grafe, Jens T. Siveke, Ken Herrmann, Wolfgang P. Fendler, and Rainer Hamacher

Department of Nuclear Medicine, West German Cancer Center, University Hospital Essen, University of Duisburg-Essen, Essen, Germany, and Uital Essen, Essen, Germany

J Nucl Med 2022; 63:727–734

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

PSMA PET Validates Higher Rates of Metastatic Disease for European Association of Urology Biochemical Recurrence Risk Groups: An International Multicenter Study

Justin Ferdinandus, Wolfgang P. Fendler, Andrea Farolfi, Samuel Washington, Osama Mohamad, Miguel H. Pampaloni, Peter J.H. Scott, Melissa Rodnick, Benjamin L. Viglianti, Matthias Eiber, Ken Herrmann, Johannes Czernin, Wesley R. Armstrong, Jeremie Calais, Thomas A. Hope, and Morand Piert

Department of Nuclear Medicine, University of Duisburg-Essen and German Cancer Consortium–University Hospital Essen, Essen, Germany

J Nucl Med 2022; 63:76–80

Response to Combined Peptide Receptor Radionuclide Therapy and Checkpoint Immunotherapy with Ipilimumab Plus Nivolumab in Metastatic Merkel Cell Carcinoma

Justin Ferdinandus, Wolfgang P. Fendler, Katharina Lueckerath, Christoph Berliner, Sabine Kurzidem, Eva Hadaschik, Joachim Klode, Lisa Zimmer, Elisabeth Livingstone, Dirk Schadendorf, Ken Herrmann, Juergen C. Becker, and Selma Ugurel

Department of Nuclear Medicine, University of Duisburg-Essen, and German Cancer Consortium, University Hospital Essen, Essen, Germany

J Nucl Med 2022; 63:396–398

Tracking Innate Immune Activation in a Mouse Model of Parkinson's Disease Using TREM1 and TSPO PET Tracers

Katherine L. Lucot, Marc Y. Stevens, T. Adam Bonham, E. Carmen Azevedo, Aisling M. Chaney, Ebony D. Webber, Poorva Jain, Jessica L. Klockow, Isaac M. Jackson, Mackenzie L. Carlson, Edward E. Graves, Thomas J. Montine, and Michelle L. James

Department of Pathology, Stanford University, Stanford, California

J Nucl Med 2022; 63:1570–1578

Dual-Tracer PET/CT Protocol with [18F]-FDG and [68Ga]Ga-FAPI-46 for Cancer Imaging: A Proof of Concept

Katrin S. Roth, Conrad-Amadeus Voltin, Lutz van Heek, Simone Wegen, Klaus Schomäcker, Thomas Fischer, Simone Marnitz, Alexander Drzezga, and Carsten Kobe

Department of Nuclear Medicine, Faculty of Medicine, University Hospital Cologne, University of Cologne, Cologne, Germany

J Nucl Med 2022; 63:1683–1686

Glypican-3-Targeted ²²⁷Th α-Therapy Reduces Tumor Burden in an Orthotopic Xenograft Murine Model of Hepatocellular Carcinoma

Kevin P. Labadie, Donald K. Hamlin, Aimee Kenoyer, Sara K. Daniel, Alan F. Utria, Andrew D. Ludwig, Heidi L. Kenerson, Lily Li, Jonathan G. Sham, Delphine L. Chen, Johnnie J. Orozco, Raymond S. Yeung, Chris Orvig, Yawen Li, D. Scott Wilbur, and James O. Park

Department of Surgery, University of Washington, Seattle, Washington

J Nucl Med 2022; 63:1033–1038

¹⁸F-FDG PET Maximum-Intensity Projections and Artificial Intelligence: A Win-Win Combination to Easily Measure Prognostic Biomarkers in DLBCL Patients

Kibrom B. Girum, Louis Rebaud, Anne-Ségolène Cottureau, Michel Meignan, Jérôme Clerc, Laetitia Vercellino, Olivier Casasnovas, Franck Morschhauser, Catherine Thieblemont, and Irène Buvat

LITO Laboratory, U1288 Inserm, Institut Curie, University Paris-Saclay, Orsay, France

J Nucl Med 2022; 63:1925–1932

¹⁸F-PI-2620 Tau PET Improves the Imaging Diagnosis of Progressive Supranuclear Palsy

Konstantin Messerschmidt, Henryk Barthel, Matthias Brendel, Cordula Scherlach, Karl-Titus Hoffmann, Boris-Stephan Rauchmann, Michael Rullmann, Kenneth Marek, Victor L. Villemagne, Jost-Julian Rumpf, Dorothee Saur, Matthias L. Schroeter, Andreas Schildan, Marianne Patt, Leonie Beyer, Mengmeng Song, Carla Palleis, Sabrina Katzdobler, Urban M. Fietzek, Gesine Respondek, Maximilian Scheifele, Alexander Nitschmann, Christian Zach, Olivier Barret, Jennifer Madonia, David Russell, Andrew W. Stephens, Norman Koglin, Sigrun Roeber, Jochen Herms, Kai Bötzel, Peter Bartenstein, Johannes Levin, John P. Seibyl, Günter Höglinger, Joseph Classen, and Osama Sabri, for the German Imaging Initiative for Tauopathies (GII4T)

Department of Nuclear Medicine, Leipzig University Medical Center, Leipzig, Germany

J Nucl Med 2022; 63:1754–1760

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Single-Cell Radiotracer Allocation via Immunomagnetic Sorting to Disentangle PET Signals at Cellular Resolution

Laura M. Bartos, Sebastian T. Kunte, Philipp Beumers, Xianyuan Xiang, Karin Wind, Sibylle Ziegler, Peter Bartenstein, Hongyoon Choi, Dong Soo Lee, Christian Haass, Louisa von Baumgarten, Sabina Tahirovic, Nathalie L. Albert, Simon Lindner, and Matthias Brendel

Department of Nuclear Medicine, University Hospital of Munich, LMU Munich, Munich, Germany

J Nucl Med 2022; 63:1459–1462

Synthesis, Preclinical Evaluation, and a Pilot Clinical PET Imaging Study of ⁶⁸Ga-Labeled FAPI Dimer

Liang Zhao, Bo Niu, Jianyang Fang, Yizhen Pang, Siyang Li, Chengrong Xie, Long Sun, Xianzhong Zhang, Zhide Guo, Qin Lin, and Haojun Chen

Department of Nuclear Medicine and Minnan PET Center, The First Affiliated Hospital of Xiamen University, Xiamen, China

J Nucl Med 2022; 63:862–868

⁸⁹Zr-3,2-HOPO-Mesothelin Antibody PET Imaging Reflects Tumor Uptake of Mesothelin-Targeted ²²⁷Th-Conjugate Therapy in Mice

Linda N. Broer, Daan G. Knapen, Frans V. Suurs, Ingrid Moen, Danique Giesen, Stijn J.H. Waaijer, Baard Indrevoll, Christine Ellingsen, Alexander Kristian, Alan S. Cuthbertson, Derk-Jan A. de Groot, Patricia E. Cole, Elisabeth G.E. de Vries, Urs B. Hagemann, and Marjolijn N. Lub-de Hooge

Department of Medical Oncology, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands

J Nucl Med 2022; 63:1715–1721

Prognostic Value of Urokinase-Type Plasminogen Activator Receptor PET/CT in Head and Neck Squamous Cell Carcinomas and Comparison with ¹⁸F-FDG PET/CT: A Single-Center Prospective Study

Louise M. Risør, Malene M. Clausen, Zaza Ujmajuridze, Mohammed Farhadi, Kim F. Andersen, Annika Loft, Jeppe Friberg, and Andreas Kjaer

Department of Clinical Physiology, Nuclear Medicine, and PET and Cluster for Molecular Imaging, Copenhagen University Hospital-Rigshospitalet, and Department of Biomedical Sciences, University of Copenhagen, Copenhagen, Denmark

J Nucl Med 2022; 63:1169–1176

First-in-Humans Brain PET Imaging of the GluN2B-Containing N-methyl-D-aspartate Receptor with (R)-11C-Me-NB1

Lucas Rischka, Chrysoula Vraka, Verena Pichler, Sazan Rasul, Lukas Nics, Gregor Gryglewski, Patricia Handschuh, Matej Murgaš, Godber M. Godbersen, Leo R. Silberbauer, Jakob Unterholzner, Christoph Wotawa, Ahmed Haider, Hazem Ahmed, Roger Schibli, Thomas Mindt, Markus Mitterhauser, Wolfgang Wadsak, Andreas Hahn, Rupert Lanzenberger, Marcus Hacker, and Simon M. Ametamey

Department of Psychiatry and Psychotherapy, Medical University of Vienna, Vienna, Austria

J Nucl Med 2022; 63:936–941

Pitfalls and Common Findings in ⁶⁸Ga-FAPI PET: A Pictorial Analysis

Lukas Kessler, Justin Ferdinandus, Nader Hirmas, Fadi Zarrad, Michael Nader, David Kersting, Manuel Weber, Sandra Kazek, Miriam Sraieb, Rainer Hamacher, Katharina Lueckerath, Lale Umutlu, Wolfgang P. Fendler, and Christoph Rischpler

Department of Nuclear Medicine, University Hospital Essen, University of Duisburg-Essen, Essen, Germany

J Nucl Med 2022; 63:890–896

⁶⁸Ga-FAPI as a Diagnostic Tool in Sarcoma: Data from the ⁶⁸Ga-FAPI PET Prospective Observational Trial

Lukas Kessler, Justin Ferdinandus, Nader Hirmas, Sebastian Bauer, Uta Dirksen, Fadi Zarrad, Michael Nader, Michal Chodyla, Aleksandar Milosevic, Lale Umutlu, Martin Schuler, Lars Erik Podleska, Hans-Ulrich Schildhaus, Wolfgang P. Fendler, and Rainer Hamacher

Department of Nuclear Medicine, University Hospital Essen, University of Duisburg-Essen, Essen, Germany

J Nucl Med 2022; 63:89–95

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Fibroblast Activation Protein-Specific PET/CT Imaging in Fibrotic Interstitial Lung Diseases and Lung Cancer: A Translational Exploratory Study

Manuel Röhrich, Dominik Leitz, Frederik M. Glatting, Annika K. Wefers, Oliver Weinheimer, Paul Flechsig, Nicolas Kahn, Marcus A. Mall, Frederik L. Giesel, Clemens Kratochwil, Peter E. Huber, Andreas von Deimling, Claus Peter Heußel, Hans Ulrich Kauczor, Michael Kreuter, and Uwe Haberkorn

Department of Nuclear Medicine, University Hospital Heidelberg, Heidelberg, Germany

J Nucl Med 2022; 63:127–133

Diagnostic Performance of ¹²⁴I-Metaiodobenzylguanidine PET/CT in Patients with Pheochromocytoma

Manuel Weber, Jochen Schmitz, Ines Maric, Kim Pabst, Lale Umutlu, Martin Walz, Ken Herrmann, Christoph Rischpler, Frank Weber, Walter Jentzen, Sarah Theurer, Thorsten D. Poeppel, Nicole Unger, and Wolfgang P. Fendler

Department of Nuclear Medicine, University Hospital Essen, Essen, Germany

J Nucl Med 2022; 63:869–874

Safety and Efficacy of ¹⁶⁶Ho Radioembolization in Hepatocellular Carcinoma: The HEPAR Primary Study

Margot T.M. Reinders, Karel J. van Erpecum, Maarten L.J. Smits, Arthur J.A.T. Braat, Joep de Bruijne, Rutger Bruijnen, Dave Sprengers, Robert A. de Man, Erik Vegt, Jan N.M. IJzermans, Adriaan Moelker, and Marnix G.E.H. Lam

Department of Radiology and Nuclear Medicine, University Medical Centre, Utrecht University, Utrecht, The Netherlands

J Nucl Med 2022; 63:1891–1898

²²³Ra Induces Transient Functional Bone Marrow Toxicity

Maria Parlani, Francesco Boccalatte, Anna Yeaton, Feng Wang, Jianhua Zhang, Iannis Aifantis, and Eleonora Dondossola

Genitourinary Medical Oncology Department and David H. Koch Center for Applied Research of Genitourinary Cancers, University of Texas M.D. Anderson Cancer Center, Houston, Texas

J Nucl Med 2022; 63:1544–1550

The Role of Amyloid PET in Imaging Neurodegenerative Disorders: A Review

Marianne Chapleau, Leonardo Iaccarino, David Soleimani-Meigooni, and Gil D. Rabinovici

Memory and Aging Center, Department of Neurology, University of California, San Francisco, San Francisco, California

J Nucl Med 2022; 63(suppl 1):13S–19S

Reproducibility of PSMA PET/CT Imaging for Primary Staging of Treatment-Naïve Prostate Cancer Patients Depends on the Applied Radiotracer: A Retrospective Study

Marinus J. Hagens, Daniela E. Oprea-Lager, André N. Vis, Maurits Wondergem, Maarten L. Donswijk, Dennie Meijer, Louise Emmett, Pim J. van Leeuwen, and Henk G. van der Poel

Department of Urology, Netherlands Cancer Institute–Antoni van Leeuwenhoek Hospital, Amsterdam, The Netherlands

J Nucl Med 2022; 63:1531–1536

From Concept to Regulatory Drug Approval: Lessons for Theranostics

Marlon Perera and Michael J. Morris

Urology Service, Department of Surgery, Memorial Sloan Kettering Cancer Center, New York, New York

J Nucl Med 2022; 63:1793–1801

Sex Differences and Caffeine Impact in Adenosine-Induced Hyperemia

Martin Lyngby Lassen, Christina Byrne, Majid Sheykhzade, Mads Wissenberg, Preetee Kapisha Hurry, Anne Vibeke Schmedes, Andreas Kjaer, and Philip Hasbak

Department of Clinical Physiology, Nuclear Medicine and PET and Cluster for Molecular Imaging, Rigshospitalet and University of Copenhagen, Copenhagen, Denmark

J Nucl Med 2022; 63:431–437

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Affibody-Mediated PNA-Based Pretargeted Cotreatment Improves Survival of Trastuzumab-Treated Mice Bearing HER2-Expressing Xenografts

Maryam Oroujeni, Hanna Tano, Anzhelika Vorobyeva, Yongsheng Liu, Olga Vorontsova, Tianqi Xu, Kristina Westerlund, Anna Orlova, Vladimir Tolmachev, and Amelie Eriksson Karlström

Department of Immunology, Genetics, and Pathology, Uppsala University, Uppsala, Sweden

J Nucl Med 2022; 63:1046–1051

First-in-Humans PET Imaging of Tissue Factor in Patients with Primary and Metastatic Cancers Using ¹⁸F-labeled Active-Site Inhibited Factor VII (18F-ASIS): Potential as Companion Diagnostic

Mathias Loft, Camilla Christensen, Malene M. Clausen, Esben A. Carlsen, Carsten P. Hansen, Niels Kroman, Seppo W. Langer, Claus Høgdall, Jacob Madsen, Nic Gillings, Carsten H. Nielsen, Thomas L. Klausen, Søren Holm, Annika Loft, Anne K. Berthelsen, and Andreas Kjaer

Department of Clinical Physiology and Nuclear Medicine & Cluster for Molecular Imaging, Copenhagen University Hospital – Rigshospitalet & Department of Biomedical Sciences, University of Copenhagen, Denmark

J Nucl Med 2022; 63:1871–1879

Pretreatment Levels of Soluble Tumor Necrosis Factor Receptor 1 and Hepatocyte Growth Factor Predict Toxicity and Overall Survival After ⁹⁰Y Radioembolization: Potential Novel Application of Biomarkers for Personalized Management of Hepatotoxicity

Matthew M. Cousins, Theresa P. Devasia, Christopher M. Maurino, Justin Mikell, Matthew J. Schipper, Ravi K. Kaza, Theodore S. Lawrence, Kyle C. Cuneo, and Yuni K. Dewaraja

Department of Radiation Oncology, University of Michigan, Ann Arbor, Michigan

J Nucl Med 2022; 63:882–889

In Vivo ¹⁸F-Flortaucipir PET Does Not Accurately Support the Staging of Progressive Supranuclear Palsy

Maura Malpetti, Sanne S. Kaalund, Kamen A. Tsvetanov, Timothy Rittman, Mayen Briggs, Kieren S.J. Allinson, Luca Passamonti, Negin Holland, P. Simon Jones, Tim D. Fryer, Young T. Hong, Antonina Kouli, W. Richard Bevan-Jones, Elijah Mak, George Savulich, Maria Grazia Spillantini, Franklin I. Aigbirhio, Caroline H. Williams-Gray, John T. O'Brien, and James B. Rowe

Department of Clinical Neurosciences, University of Cambridge, Cambridge, United Kingdom

J Nucl Med 2022; 63:1052–1057

Feasibility of In Vivo Imaging of Fibroblast Activation Protein in Human Arterial Walls

Meiqi Wu, Jing Ning, Jingle Li, Zhichao Lai, Ximin Shi, Haiqun Xing, Marcus Hacker, Bao Liu, Li Huo, and Xiang Li

Department of Nuclear Medicine, State Key Laboratory of Complex Severe and Rare Diseases, Center for Rare Diseases Research, Beijing Key Laboratory of Molecular Targeted Diagnosis and Therapy in Nuclear Medicine, Peking Union Medical College Hospital, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China

J Nucl Med 2022; 63:948–951

Albumin Binder-Conjugated Fibroblast Activation Protein Inhibitor Radiopharmaceuticals for Cancer Therapy

Mengxin Xu, Pu Zhang, Jie Ding, Junyi Chen, Li Huo, and Zhibo Liu

Radiochemistry and Radiation Chemistry Key Laboratory of Fundamental Science, Beijing National Laboratory for Molecular Sciences, College of Chemistry and Molecular Engineering, Peking University, Beijing, China

J Nucl Med 2022; 63:952–958

Combined Targeted Radiopharmaceutical Therapy and Immune Checkpoint Blockade: From Preclinical Advances to the Clinic

Michael C. Bellavia, Ravi B. Patel, and Carolyn J. Anderson

Department of Bioengineering, University of Pittsburgh, Pittsburgh, Pennsylvania

J Nucl Med 2022; 63:1636–1641

2023 PUBLICATION AWARDS

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

COVID-19 mRNA Vaccination: Age and Immune Status and Its Association with Axillary Lymph Node PET/CT Uptake

Michal Eifer, Noam Tau, Yousef Alhoubani, Nayroz Kanana, Liran Domachevsky, Jala Shams, Nir Keret, Malka Gorfine, and Yael Eshet

Department of Diagnostic Imaging, Chaim Sheba Medical Center, Ramat Gan, Israel

J Nucl Med 2022; 63:134–139

Blind Image Restoration Enhances Digital Autoradiographic Imaging of Radiopharmaceutical Tissue Distribution

Lu Peng, Benabdallah Nadia, Jiang Wen, Brian W. Simons, Zhang Hanwen, Robert F. Hobbs, Ulmert David, Brian C. Baumann, Russell K. Pachynski, Abhinav K. Jha, and Daniel L.J. Thorek

Department of Biomedical Engineering, Washington University in St. Louis, St. Louis, Missouri

J Nucl Med 2022; 63:591–597

¹⁸F-BMS986192 PET Imaging of PD-L1 in Metastatic Melanoma Patients with Brain Metastases Treated with Immune Checkpoint Inhibitors: A Pilot Study

Pieter H. Nienhuis, Inês F. Antunes, Andor W.J.M. Glaudemans, Mathilde Jalving, David Leung, Walter Noordzij, Riemer H.J.A. Slart, Erik F.J. de Vries, and Geke A.P. Hospers

Department of Nuclear Medicine and Molecular Imaging, Medical Imaging Center, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands

J Nucl Med 2022; 63:899–905

⁶⁸Ga-PSMA PET/CT for Response Assessment and Outcome Prediction in Metastatic Prostate Cancer Patients Treated with Taxane-Based Chemotherapy

Qaid Ahmed Shagera, Carlos Artigas, Ioannis Karfis, Gabriela Critchi, Nieves Martinez Chanza, Spyridon Sideris, Alexandre Peltier, Marianne Paesmans, Thierry Gil, and Patrick Flamen

Department of Nuclear Medicine, Institut Jules Bordet, Université Libre de Bruxelles, Brussels, Belgium

J Nucl Med 2022; 63:1191–1198

Factors for Differential Outcome Across Cancers in Clinical Molecule-Targeted Fluorescence Imaging

Quan Zhou, Nynke S. van den Berg, Wenying Kang, Jacqueline Pei, Naoki Nishio, Stan van Keulen, Myrthe A. Engelen, Yu-Jin Lee, Marisa Hom, Johana C.M. Vega Leonel, Zachary Hart, Hannes Vogel, Romain Cayrol, Brock A. Martin, Mark Roesner, Glenn Shields, Natalie Lui, Melanie Hayden Gephart, Roan C. Raymundo, Grace Yi, Monica Granucci, Gerald A. Grant, Gordon Li, and Eben L. Rosenthal

Department of Neurosurgery, Stanford University School of Medicine, Stanford, California

J Nucl Med 2022; 63:1693–1700

Biodistribution of ¹⁸F-FES in Patients with Metastatic ER+ Breast Cancer Undergoing Treatment with Rintodestrant (G1T48), a Novel Selective ER Degradar

Ramsha Iqbal, Maqsood Yaqub, Daniela E. Oprea-Lager, Yeukman Liu, Anne Marije Luik, Andy P. Beelen, Robert C. Schuit, Albert D. Windhorst, Ronald Boellaard, and Catharina W. Menke-van der Houven van Oordt

Amsterdam UMC, Vrije Universiteit Amsterdam, Medical Oncology, Cancer Center Amsterdam, Amsterdam, Netherlands

J Nucl Med 2022; 63:694–699

Repeatability of ⁶⁸Ga-PSMA-HBED-CC PET/CT-Derived Total Molecular Tumor Volume

Robert Seifert, Patrick Sandach, David Kersting, Wolfgang P. Fendler, Boris Hadaschik, Ken Herrmann, John J. Sunderland, and Janet H. Pollard

Department of Nuclear Medicine, University of Duisburg–Essen and German Cancer Consortium–University Hospital, Essen, Germany

J Nucl Med 2022; 63:746–753

⁸⁹Zr-DFO-Durvalumab PET/CT Before Durvalumab Treatment in Patients with Recurrent or Metastatic Head and Neck Cancer

Sarah R. Verhoeff, Pim P. van de Donk, Erik H.J.G. Aarntzen, Sjoukje F. Oosting, Adrienne H. Brouwers, Iris H.C. Miedema, Jens Voortman, Willemien C. Menke-van der Houven van Oordt, Ronald Boellaard, Dennis Vriens, Marije Slingerland, Rick Hermesen, Ilse van Engen-van Grunsven, Sandra Heskamp, and Carla M.L. van Herpen

Department of Medical Oncology, Radboud University Medical Center, Nijmegen, The Netherlands

J Nucl Med 2022; 63:1523–1530

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Comparison of Exogenous Ketone Administration Versus Dietary Carbohydrate Restriction on Myocardial Glucose Suppression: A Crossover Clinical Trial

Senthil Selvaraj, Kenneth B. Margulies, Supriya Dugyala, Erin Schubert, Ann Tierney, Zoltan Arany, Daniel A. Pryma, Svati H. Shah, J. Eduardo Rame, Daniel P. Kelly, and Paco E. Bravo

Division of Cardiology, Department of Medicine, Perelman School of Medicine of the University of Pennsylvania, Philadelphia, Pennsylvania

J Nucl Med 2022; 63:770–776

Safety of Peptide Receptor Radionuclide Therapy with ¹⁷⁷Lu-DOTATATE in Neuroendocrine Tumor Patients with Chronic Kidney Disease

Shahad Alsadik, Gopinath Gnanasegaran, Luohai Chen, Dalvinder Mandair, Christos Toumpanakis, Martyn Caplin, and Shaunak Navalkisoor

Neuroendocrine Unit, Royal Free London NHS Foundation Trust, London, United Kingdom

J Nucl Med 2022; 63:1503–1508

¹¹C-PiB and ¹²⁴I-Antibody PET Provide Differing Estimates of Brain Amyloid- β After Therapeutic Intervention

Silvio R. Meier, Dag Sehlin, Sahar Roshanbin, Victoria Lim Falk, Takashi Saito, Takaomi C. Saido, Ulf Neumann, Johanna Rokka, Jonas Eriksson, and Stina Syvänen

Department of Public Health and Caring Sciences/ Geriatrics, Uppsala University, Uppsala, Sweden

J Nucl Med 2022; 63:302–309

MIRD Pamphlet No. 27: MIRDcell V3, a Revised Software Tool for Multicellular Dosimetry and Bioeffect Modeling

Sumudu Katugampola, Jianchao Wang, Alex Rosen, and Roger W. Howell

Division of Radiation Research, Department of Radiology, New Jersey Medical School, Rutgers University, Newark, New Jersey

J Nucl Med 2022; 63:1441–1449

Temporary Reactive Response of Axillary Lymph Nodes to COVID-19 Vaccination on ¹⁸F-rhPSMA-7.3 PET/CT in Patients with Prostate Cancer

Susan Notohamiprodjo, Matthias Eiber, Christian Lohrmann, and Wolfgang A. Weber

Department of Nuclear Medicine, Klinikum Rechts der Isar, Technical University of Munich, Munich, Germany

J Nucl Med 2022; 63:1673–1676

The Influence of Specific Activity on the Biodistribution of ¹⁸F-rhPSMA-7.3: A Retrospective Analysis of Clinical PET Data

Thomas Langbein, Alexander Wurzer, Andrei Gafita, Andrew Robertson, Hui Wang, Ayça Arçay, Michael Herz, Hans-Juergen Wester, Wolfgang A. Weber, and Matthias Eiber

Department of Nuclear Medicine, Klinikum rechts der Isar, School of Medicine, Technical University of Munich, Munich, Germany

J Nucl Med 2022; 63:742–745

Utility of ¹⁸F-rhPSMA-7.3 PET for Imaging of Primary Prostate Cancer and Preoperative Efficacy in N-Staging of Unfavorable Intermediate- to Very High-Risk Patients Validated by Histopathology

Thomas Langbein, Hui Wang, Isabel Rauscher, Markus Kroenke, Karina Knorr, Alexander Wurzer, Kristina Schwamborn, Tobias Maurer, Thomas Horn, Bernhard Haller, Hans-Jürgen Wester, and Matthias Eiber

Department of Nuclear Medicine, Klinikum Rechts der Isar, School of Medicine, Technical University of Munich, Munich, Germany

J Nucl Med 2022; 63:1334–1342

A Guideline for Clinicians Performing Clinical Studies with Fluorescence Imaging

Wido Heeman, Jasper Vonk, Vasilis Ntziachristos, Brian W. Pogue, Rudi A.J.O. Dierckx, Schelto Kruijff, and Gooitzen M. van Dam

University of Groningen, Faculty Campus Fryslân, Leeuwarden, The Netherlands

J Nucl Med 2022; 63:640–645

ALAVI-MANDELL AWARDS – FOR JNM ARTICLES PUBLISHED IN 2022

Robot-Assisted Prostate-Specific Membrane Antigen–Radioguided Surgery in Primary Diagnosed Prostate Cancer

William Gondoputro, Matthijs J. Scheltema, Alexander Blazeovski, Paul Doan, James E. Thompson, Amer Amin, Bart Geboers, Shikha Agrawal, Amila Siriwardana, Pim J. Van Leeuwen, Matthias N. van Oosterom, Fijis W.B. Van Leeuwen, Louise Emmett, and Phillip D. Stricker

Garvan Institute of Medical Research and Kinghorn Cancer Centre, Darlinghurst, NSW, Australia

J Nucl Med 2022; 63:1659–1664

Detecting Fibroblast Activation Proteins in Lymphoma Using ⁶⁸Ga-FAPI PET/CT

Xiao Jin, Maomao Wei, Shuailiang Wang, Guochang Wang, Yumei Lai, Yunfei Shi, Yan Zhang, Zhi Yang, and Xuejuan Wang

Key Laboratory of Carcinogenesis and Translational Research (Ministry of Education) and NMPA Key Laboratory for Research and Evaluation of Radiopharmaceuticals (National Medical Products Administration), Department of Nuclear Medicine, Peking University Cancer Hospital and Institute, Beijing, China

J Nucl Med 2022; 63:212–217

First-in-Humans Evaluation of a PD-L1–Binding Peptide PET Radiotracer in Non–Small Cell Lung Cancer Patients

Xin Zhou, Jinqian Jiang, Xue Yang, Teli Liu, Jin Ding, Sridhar Nimmagadda, Martin G. Pomper, Hua Zhu, Jun Zhao, Zhi Yang, and Nan Li

Key Laboratory of Carcinogenesis and Translational Research (Ministry of Education/Beijing), Department of Nuclear Medicine, NMPA Key Laboratory for Research and Evaluation of Radiopharmaceuticals (National Medical Products Administration), Peking University Cancer Hospital & Institute, Beijing, China

J Nucl Med 2022; 63:536–542

Feasibility of Acquisitions Using Total-Body PET/CT with an Ultra-Low ¹⁸F-FDG Activity

Yan Hu, Guobing Liu, Haojun Yu, Ying Wang, Chenwei Li, Hui Tan, Shuguang Chen, Jianying Gu, and Hongcheng Shi

Department of Nuclear Medicine, Zhongshan Hospital, Fudan University, Shanghai, China

J Nucl Med 2022; 63:959–965

¹³¹I-GD2-ch14.18 Scintigraphy to Evaluate Option for Radioimmunotherapy in Patients with Advanced Tumors

Ying Zhang, Juergen Kupferschlaeger, Peter Lang, Gerald Reischl, Rupert J. Handgretinger, Christian la Fougère, and Helmut Dittmann

Department of Nuclear Medicine and Clinical Molecular Imaging, University Hospital Tuebingen, Tuebingen, Germany

J Nucl Med 2022; 63:205–211

Independent Prognostic Utility of ¹¹C-Pittsburgh Compound B PET in Patients with Light-Chain Cardiac Amyloidosis

You-Jung Choi, Youngil Koh, Hyun-Jung Lee, In-Chang Hwang, Jun-Bean Park, Yeonyee E. Yoon, Hack-Lyoung Kim, Hyung-Kwan Kim, Yong-Jin Kim, Goo-Yeong Cho, Dae-Won Sohn, Jin-Chul Paeng, and Seung-Pyo Lee

Division of Cardiology, Department of Internal Medicine, Seoul National University Hospital, Seoul, South Korea

J Nucl Med 2022; 63:1064–1069

First-in-Human Evaluation of ¹⁸F-PF-06445974, a PET Radioligand That Preferentially Labels Phosphodiesterase-4B

Yuichi Wakabayashi, Per Stenckrona, Ryosuke Arakawa, Xuefeng Yan, Maia G. Van Buskirk, Madeline D. Jenkins, Jose A. Montero Santamaria, Kevin P. Maresca, Akihiro Takano, Jie-Hsan Liow, Thomas A. Chappie, Andrea Varrone, Sangram Nag, Lei Zhang, Zoë A. Hughes, Christopher J. Schmidt, Shawn D. Doran, Andrew Mannes, Paolo Zanotti-Fregonara, Maarten Ooms, Cheryl L. Morse, Sami S. Zoghbi, Christer Halldin, Victor W. Pike, and Robert B. Innis

Molecular Imaging Branch, NIMH-NIH, Bethesda, Maryland

J Nucl Med 2022; 63:1919–1924

ANNUAL MEETING AWARDS

POSTERS

1st, 2nd and 3rd place winners are determined from the top 10 candidates from each scientific track based on the visual appearance/quality of their poster, quality of content and the original scientific contribution of their poster or ePoster:

CARDIOVASCULAR

1st Place – Dynamic observation and mechanism research of cardioprotective effect of fasting based on molecular imaging method

Presenting Author: Xiang Zhou

2nd Place (Tie) – A novel mitochondrial-targeted [18F]F-AraG positron emission tomography (PET) biomarker for early diagnosis and monitoring of cardiotoxicity

Presenting Author: Uttam Shrestha

2nd Place (Tie) – Diagnostic Accuracy Of Bone Scintigraphy Imaging For Transthyretin Cardiac Amyloidosis: Systematic Review And Meta-Analysis

Presenting Author: Nanki Ahluwalia

EDUCATIONAL EXHIBITS

1st Place – MIRdY90: A Software Tool for ⁹⁰Y Microsphere Treatment-Planning Calculations

Presenting Author: Harry Marquis

2nd Place – MIRd Synopsis for Dosimetry in Radiopharmaceutical Therapies: A Case Study for Currently Approved ¹⁷⁷Lu Therapies

Presenting Author: Carlos Uribe

3rd Place – Theragnostic for meningiomas: new benefits in molecular imaging

Presenting Author: Rodrigo Hernandez Ramirez

GENERAL CLINICAL SPECIALTIES

1st Place – Fibroblast-like synoviocyte-targeted PET with ¹⁸F-FAPI-42 for imaging rheumatoid arthritis: Comparison to ¹⁸F-FDG PET/MR

Presenting Author: Yuying Zhang

2nd Place – Radioguided surgery of focal congenital hyperinsulinism using Ga-68 Exendin: Proof of concept

Presenting Author: Vikas Prasad

3rd Place – Imaging of rheumatoid arthritis with the SPECT glucose analogue ^{99m}Tc- labelled glucosamine and its correlation with laboratory markers

Presenting Author: Osayande Evbuomwan

MOLECULAR TARGETING PROBES-RADIOACTIVE & NONRADIOACTIVE

1st Place – Multimodality detection and treatment for breast cancer with a biodegradable “one-for-all” nanoparticle contrast agent

Presenting Author: Jessica Hsu

2nd Place – A Novel Radiosynthesis of ¹⁸F-Labeled Arenesulfonyl Fluorides with [¹⁸F]Fluoride

Presenting Author: Xiaoyun Deng

3rd Place – Preclinical assessment of Cu-64-NOTA-CD69 Diabody for PET imaging of Glioblastoma

Presenting Author: Hanieh Karimi

POSTERS

NEUROSCIENCES

1st Place – Characterization of four major psychiatric disorders based on AMPA receptor distributions measured with [11C]K-2: a novel PET tracer study

Presenting Author: Mai Hatano

2nd Place – First PET Investigation of the Human Brain at 2 μ L Resolution with the Ultra-High-Resolution (UHR) scanner

Presenting Author: Vincent Doyon

3rd Place – Positron emission tomography with [18F]ROStrace reveals increased oxidative stress in a mouse model of alpha-synucleinopathy.

Presenting Author: Evan Gallagher

ONCOLOGY, BASIC & TRANSLATIONAL

1st Place – First-in-human PET imaging of KRAS p.G12C mutation status in NSCLC and CRC patients using 18F-AMG510

Presenting Author: Jiajun Ye

2nd Place – Preliminary Clinical Data in The Phase 1/2a Dose Escalation Trial of 186RNL (Rhenium-186 Nano-liposome) (186Re) Obisbameda in Leptomeningeal Metastases (LM): The ReSPECT-LM Trial Presenting *Author: Norman LaFrance*

3rd Place – Decreasing renal radioactivity of 68Ga labeled HER2 Affibody by using enzymolysis clearance strategy both in mice and humans

Presenting Author: Mingru Zhang

ONCOLOGY, CLINICAL THERAPY & DIAGNOSIS

1st Place – Comparison of PET/CT in Subjects with Confirmed Prostate Cancer Using 64Cu SAR-bisPSMA and 68Ga PSMA-11

Presenting Author: Louise Emmett

2nd Place – Fibroblast activation protein and glycolysis in lymphoma diagnosis: comparison of 68Ga-FAPI PET/CT and 18F-FDG PET/CT

Presenting Author: Xuetao Chen

3rd Place – A head-to-head comparison of [68Ga]Ga-FAPI-RGD and 2-[18F]FDG/ [68Ga]Ga-FAPI-02 PET/CT in patients with various cancers

Presenting Author: Jie Zang

PHYSICS, INSTRUMENTATION & DATA SCIENCES

1st Place – Lutetium-177 PSMA tumour absorbed dose threshold for complete PSA response in metastatic prostate cancer measured by Gallium-68 PSMA PET/CT single time point predictive dosimetry

Presenting Author: Yung Hsiang Kao

2nd Place – In Vivo 3-D Gamma-Ray Spectrometry for Multifunctional Molecular Imaging and Theragnostic in Lower Extremities

Presenting Author: Elena Maria Zannoni

3rd Place – Design, development and characterization of the third-generation CTN anthropomorphic oncology phantom for PET and SPECT quantitative validation and testing

Presenting Author: John Sunderland

YOUNG INVESTIGATOR AWARDS

Each year the SNMMI sponsors the Young Investigator Award symposium and competition in association with several SNMMI councils and Centers of Excellence for the best scientific abstracts in various specialties within the field of nuclear medicine. The following winners were selected for their excellence in oral presentations:

BRAIN IMAGING COUNCIL YOUNG INVESTIGATOR AWARDS

1st Place – First PET Investigation of the Human Brain at 2 μ L Resolution with the Ultra-High-Resolution (UHR) scanner

Presenting Author: Vincent Doyon – Université de Sherbrooke Quebec, Canada

2nd Place – Characterization of four major psychiatric disorders based on AMPA receptor distributions measured with [11 C]K-2: a novel PET tracer study

Presenting Author: Mai Hatano – Yokohama National University Yokohama, Kanagawa Prefecture, Japan

3rd Place – Evaluation of Five Candidate Radioligands for PET Imaging of Phosphodiesterase-4D in Monkey Brain

Presenting Author: Meijuan Jiang – National Institutes of Health (NIH) Bethesda, MD United States

CARDIOVASCULAR COUNCIL YOUNG INVESTIGATOR AWARD WINNERS

BASIC SCIENCE/PRECLINICAL:

1st Place – Immunometabolic-fibroblast activation interfaces post-myocardial infarction: A transparent study integrated molecular imaging with quantitative proteomics

Presenting Author: Yaqi Zheng

2nd Place – Molecular imaging of the brain-heart axis after stroke: Impact of regional microglia suppression on cardiac function

Presenting Author: Viola Wroblewski – Hannover Medical School Hannover, Germany

3rd Place – 68 Ga-FAPI PET/CT Non-invasive Visualization of Progressive Changes in Chronic Heart Failure

Presenting Author: Wenyu Song – Huazhong University of Science and Technology Wuhan, China

CLINICAL:

1st Place – Molecular imaging of fibroblast activity after acute myocardial infarct using 99m Tc-iFAP: Comparison with cardiac magnetic resonance, myocardial perfusion imaging and invasive coronary angiography.

Presenting Author: Joel Eduardo Vargas Ahumada

2nd Place – Dynamic Imaging and Tracer Kinetic Modeling of 18 F-flutemetamol PET for ATTR Cardiac Amyloidosis Patients

Presenting Author: Qiong Liu – Yale School of Medicine, CT United States

3rd Place – Relationship of beta-hydroxybutyrate levels and ketosis duration with diagnostic FDG-PET studies performed for the evaluation of active cardiac sarcoidosis

Presenting Author: Mahesh Vidula – Penn Medicine: University of Pennsylvania Health System Philadelphia, PA United States

PHYSICS, INSTRUMENTATION, AND DATA SCIENCES COUNCIL YOUNG INVESTIGATOR AWARDS

1st Place – High resolution image reconstruction and resolution modeling: first human scan with the NeuroEXPLORER

Presenting Author: Tiantian Li – University of California, Davis Davis, CA United States

2nd Place – Graph-based explanations of tau forecasting for Alzheimer's disease using graph neural networks

Presenting Author: Vibha Balaji – University of Massachusetts Amherst, MA United States

3rd Place – Task-based evaluation of a scatter projection and deep learning-based transmission-less attenuation-compensation method with clinical data

Presenting Author: Zitong Yu – Washington University in St. Louis St. Louis, MO United States

YOUNG INVESTIGATOR AWARDS

RADIOPHARMACEUTICAL SCIENCES COUNCIL YOUNG INVESTIGATOR AWARDS

1st Place – Two-step ^{11}C -Carbonylation for the Synthesis of [^{11}C]Bexarotene and [^{11}C]Acetoacetic acid using GE TracerLab Synthesis Modules

Presenting Author: Tanpreet Kaur – University of Michigan Ann Arbor, MI United States

2nd Place – Pretargeted radioimmunotherapy with ^{212}Pb -DOTA-based haptens in nude mice bearing established human-colorectal xenografts

Presenting Author: Brett Vaughn – Memorial Sloan Kettering Cancer Center New York, NY United States

3rd Place – Structure-guided design of novel pyridinyl-indoles as 4R-tau PET radiotracers: Identification of [^{18}F] OXD-2314 for human use

Presenting Author: Anton Lindberg – The Centre for Addiction and Mental Health Ontario, Canada

CIC WALTER WOLF YOUNG INVESTIGATOR AWARD

This award recognizes a young investigator for originality, scientific methodology, and overall contribution to Molecular Imaging or Therapy through original research showing the importance and value of correlative imaging in all fields of medicine. The SNMMI Correlative Imaging Council established the Walter Wolf Young Investigator Award in 2006 in honor of Walter Wolf, Ph.D., past president of the Correlative Imaging Council and leader in the field of pharmacokinetic imaging and drug development.

2023 Recipient: Kelly Trinh

What is the added value of concurrent diagnostic CT for PSMA PET/CT imaging assessment of prostate cancer?

PIC MAJD-GILDAY YOUNG INVESTIGATOR AWARD

This award is given to young scientists for outstanding research contributions to the field of pediatric nuclear medicine. The PIC Majd-Gilday YIA award was developed to recognize 2 pioneers in the pediatric imaging field who have made enormous scientific contributions to our subspecialty of pediatric nuclear medicine: Dr. Massoud Majd and Dr. David Gilday.

2023 Recipient: Chenyang Han

Reducing acquisition time in pediatric whole-body PET imaging with deep learning enhanced image reconstruction

CENTER FOR MOLECULAR IMAGING INNOVATION AND TRANSLATION YOUNG INVESTIGATOR AWARDS

1st Place – The development of novel PSMA targeted agents with high tumor uptake and reduced salivary gland accumulation

Presenting Author: Muyun Xu

2nd Place – Imaging granzyme biochemistry in CAR T cell immunotherapy with restricted interaction peptide and PET

Presenting Author: Shalini Chopra

3rd Place – Quantitative Comparison of Absorbed Dose Estimates Derived from ^{90}Y -PET/CT and ^{90}Y -SPECT/CT Imaging following ^{90}Y -Radioembolization

Presenting Author: E Courtney Henry

THERAPY CENTER OF EXCELLENCE YOUNG INVESTIGATOR AWARDS

1st Place – Fibroblast activation protein alpha (FAP α) directed imaging and radioligand therapy in patients with solitary fibrous tumor (SFT)

Presenting Author: Kim Pabst

2nd Place – Efficacy and safety of [^{177}Lu]Lu-DOTAGA.FAPi dimer radionuclide therapy in patients with radioiodine resistant follicular cell-derived thyroid cancers

Presenting Author: Sanjana Ballal

3rd Place – Can we use pre-therapy PSMA PET/CT as a predictor for Lutetium-177-PSMA-617 therapy? Early experience from the Canadian Cancer Trials Group PR21 trial (NCT 04663997)

Presenting Author: Julia Brosch-Lenz

TECHNOLOGIST ABSTRACT AND POSTER AWARDS

SNMMI-TS TECHNOLOGIST ABSTRACT AWARDS

1st Place – Standard of Care PET/CT patients with and without Music Therapy: Preliminary Analysis Average

Presenting Author: Sarah Frye

2nd Place – Redesign of a Traditional NMT Program to Serve as a Hybrid Regional Program Average

Presenting Author: C. David Gilmore

3rd Place – Artificial intelligence based SPECT attenuation correction. Feasibility study and performance evaluation on clinical SPECT images.

Presenting Author: Melinda Szolikova

SNMMI-TS/PET CoE TECHNOLOGIST BEST PET ABSTRACT AWARD

Technical Aspects of 16 α -18[F]-fluoro-17 β -Fluoroestradiol Positron Emission Tomography (FES-PET) Imaging for Detection of Estrogen Receptor (ER) Positive Breast Cancer

Presenting Author: Lisa Dunnwald

SNMMI-TS/THERAPY CoE TECHNOLOGIST BEST THERAPY ABSTRACT AWARD

Three's a charm – How the nuclear medicine technologist, nuclear medicine physician and artificial intelligence can work together in segmentation for dosimetry

Presenting Author: Nadine Colpo

SNMMI-TS TECHNOLOGIST POSTER AWARDS

1st Place – Performance evaluation of a high-resolution large field-of-view digital PET/CT scanner

Presenting Author: Sophie Stolk

2nd Place – Clinical Implementation of Lu-177 PSMA therapy, including SPECT/CT imaging post therapy

Presenting Author: Larisa Toderas

3rd Place – Safe Use of Nanoceria for Dermal Applications in BALB/c Mice

Presenting Author: Bailey Blocker

SNMMI-TS/CARDIOVASCULAR COUNCIL BEST ABSTRACT AWARDS

1st Place – Image quality evaluation of a new acquisition orbit (cardiac-centered circular orbit) in myocardial perfusion SPECT

Presenting Author: Hajime Ichikawa

2nd Place – New analysis method using successive approximations to obtain the H/M ratio in ¹²³I-MIBG scintigraphy

Presenting Author: Ryota Isobe

TECHNOLOGIST STUDENT ABSTRACT AWARD WINNERS

1st Place – Comparison of ¹⁸F-DCFPyL and 68Ga-PSMA-11 PET-CT for eligibility screening for ¹⁷⁷Lu-PSMA-617 therapy in metastatic castrate resistant prostate cancer: Should insurers consider these methods equivalent?

Presenting Author: Kaleb Soehl

2nd Place – Monte Carlo N-Particle Code Analysis of Multiple Gamma Camera Components from Varying Manufacturers

Presenting Author: Carlos Nicolas Delgado

3rd Place – Evaluating the Effect of Performing Adjunct Low-Level Exercise During Injection of Regadenoson Average

Presenting Author: Lauren Lobner

INTERNATIONAL BEST ABSTRACT AWARD WINNERS

The International Best Abstract Awards is given to the highest scoring accepted abstract from each country:

Australia

Price Jackson

Automated AI Tumor Burden Analysis on Lu-177 PSMA Quantitative SPECT with Global Th reshold Regional Consensus Network (GTRC-Net)

Austria

Kilian Kluge

Associations between antihormonal-treatment status and ⁶⁸Ga-PSMA-HBED-CC PET biodistribution

Azerbaijan

Fuad Novruzov

The impact of PSMA based PET-CT imaging in treatment management of prostate cancer: Results of 335 patients from Azerbaijan Republic

Belgium

Koen Van Laere

Relative glucose metabolic activity per synapse (rMAPS) is regionally varying but preserved in healthy aging and in Huntington's disease – a dual 18F-FDG and 11C-UCB-J PET/MR study

Bulgaria

Sonya Sergieva

Clinical Application of SPECT/CT imaging with 99mTc-Tektrotyd in the management of Merkel Cell Carcinoma (MCC)

Canada

Anton Lindberg

Structure-guided design of novel pyridinyl-indoles as 4R-tau PET radiotracers: Identification of [18F]OXD-2314 for human use

China

Weizhi Xu

AI 18F-NOTA-FAPI PET/CT in the evaluation of gastric, liver, and pancreatic cancer and comparison with 18F-FDG PET/CT
Colombia Sergio Valencia Persistent bone lesion uptake on PET-PSMA: Flare phenomenon in prostate cancer

Denmark

Claes Ladefoged

Synthetic CT generation for pediatric CT-less PET examinations with long axial field of view PET/CT

Egypt

Esraa Roshdy

Lung cancer patients may have higher aortic wall inflammation on 18F-FDG PET/CT compared to extra-thoracic cancer patients

Finland

Matias Knuuttila

PSMA-targeted alpha therapies inhibit tumor growth in xenograft models of visceral and bone metastatic castration-resistant prostate cancer

France

Bruno Maucherat

Progression-free survival assessment to second line hormone therapy by pre-therapeutic [18F]-FDG and [18F]-FES PET-CT in positive estrogen receptors metastatic breast cancer patients: preliminary results.

Germany

Henryk Barthel

Multi-Center Study on 3R Pick Tau Imaging with [18F] PI-2620 in Frontotemporal Lobar Degeneration

Greece

Georgios Z. Papadakis

Male Hypogonadism and testicular 18F-FDG activity in Erdheim-Chester Disease

Hong Kong

Minfeng Yang

In vivo immunoscore technique to predict anti-CD47 immunotherapy efficacy in triple-negative breast cancer via single-cell pharmacokinetic imaging

Hungary

Áron Krizsán

Imaging performance of a novel multi-pinhole collimator on the AnyScan TRIO triple-head SPECT/CT for nuclear cardiology applications

INTERNATIONAL BEST ABSTRACT AWARD WINNERS

India

Suneetha Batchu

Head-to-head comparison of (68 Ga) Ga-FAPI and 18F-FDG PET/CT in evaluating hepatobiliary and pancreatic malignancies – Prospective study

Indonesia

Deni Hardiansyah

Improving the accuracy of the time-integrated activity using non-linear mixed-effects modeling and population-based model selection in molecular radiotherapy

Iran

Mohammad-Saber Azimi

Evaluation of deep-learning based partial volume correction of PET images without the use of anatomical information

Italy

Egesta Lopci

Predictive value of baseline FDG PET/CT parameters in pediatric Hodgkin Lymphoma: initial results of an Italian prospective study

Japan

Mai Hatano

Characterization of four major psychiatric disorders based on AMPA receptor distributions measured with [11C]K-2: a novel PET tracer study

Korea, Republic of

Dongkyu Oh

Absolute %uptake of quantitative SPECT/CT is more accurate than relative uptake ratio of planar scan for identification of Graves' disease and destructive thyroiditis

Kuwait

Alyaa Sadeq

Ultrafast & Fast F18-PSMA 1007 PET/CT Acquisition in the Era of Digital PET/CT System; Single Institution Experience

Lebanon

Maroun Karam

Performance and impact on management of Ga68 PSMA11 staging PET/CT in patients with Gleason 6 and 7 prostate cancer

Macao

Zhonglin Lu

Automatic image-based segmentation and partial volume correction for Lu-177-PSMA-617 bone marrow dosimetry

Mexico

Rodrigo Hernandez Ramirez

Theragnostic for meningiomas: new benefits in molecular imaging

Nepal

Subarna Bhusal

The evolving role of [18F]DCFPyL (Pylarify) PET/CT in the management of Prostate Cancer

Netherlands

Ronald Boellaard

International benchmark for total metabolic tumor volume assessment in baseline FDG PET/CT of lymphoma patients.

Norway

Kim Lindland

Therapeutic potential of a lead-212 labelled anti-CD146 antibody in mice with mesothelioma

Philippines

Rey Alfred Inting

Local Experience on Radioguided Occult Lesion Localization (ROLL) for Non-Palpable Breast Lesions - A Single-Center Case Series.

Poland

Renata Mikolajczak

Development of the 99mTc-labelled SST2 antagonist TECANT-1 for a first-in-man multicentre clinical study

Serbia

Jasna Mihailovic

Radioiodine Ablation is Not Necessary for a Good Outcome in DTC Patients Initially Staged as pT1N0M0

Singapore

Jingjing Zhang

First-in-human Study of an Optimized, potential Kit-type, SST2 Antagonist 68Ga-DATA5m-LM4 in Patients with Metastatic Neuroendocrine Tumors

INTERNATIONAL BEST ABSTRACT AWARD WINNERS

South Africa

Osayande Egbuomwan

Imaging of rheumatoid arthritis with the SPECT glucose analogue ^{99m}Tc- labelled glucosamine and its correlation with laboratory markers

South Korea

Jang Bae Moon

Early Tc-99m DTPA renal scan predicts graft function at 1 year after kidney transplantation

Spain

Ana Garcia-Vicente

Analytical performance validation of PROMISE criteria with deep learning enabled platform for total prostate tumor burden in ¹⁸F-DCFPyL analysis

Sweden

Katherine Gagnon

First tests using an automated solid target for the MINitrac cyclotron yields >1Ci ⁶⁸Ga

Switzerland

Jacqueline Mock

Molecular evolution of OncoFAP derivatives for the tumour-targeted delivery of biocidal radionuclides

Taiwan

Yi-Hsiu Chung

The characterization, in vivo imaging trafficking and bio-distribution of extracellular vesicles derived from human umbilical cord-derived mesenchymal stem cells labeled with Technetium-99m

Thailand

Tanyaluck Thientunyakit

Imaging Investigation of Regional Metabolic Activity, Cerebral Small Vessel Disease, and Amyloid Pathology in Early Alzheimer's Disease: Synergistic Pathophysiology

Tunisia

Taieb Ben Ghachem

Unusual discovery of a lipomatous hypertrophy of interatrial septum causing hot spot on ¹⁸F FDG PET/CT: a case report

Turkey

Mehmet Emin Mavi

Prognostic Impact of Circulating Angiogenic Factors in ⁹⁰Y Microsphere Treatment

United Kingdom

Lee Miller

²²⁵Ac-DOTATATE Dosimetry Results from Part 1 of the ACTION-1 Trial

Uruguay

Andres Damian

¹⁸F-PR04.MZ PET/CT in patients with atypical parkinsonism and Parkinson's disease

SNMMI PROFESSIONAL DEVELOPMENT AWARDS

SNMMI provides various opportunities for early career professionals to get more engaged with the Society through fellowships, an internship program, leadership academies, and our annual “Ones to Watch” selection. These programs are designed to nurture future leaders of the SNMMI and recognize the new wave of talent within this exciting specialty.

FELLOWSHIPS AND SCHOLARSHIPS

BRADLEY-ALAVI STUDENT FELLOWSHIPS

Designed to stimulate students’ interest in molecular imaging/nuclear medicine by supporting their full-time participation in clinical and basic research activities for three months (or less). The Bradley-Alavi Fellowships are named by the donors - Drs. Jane and Abass Alavi - in honor of Dr. Stanley E. Bradley, a professor of Medicine and Columbia University College of Physicians and Surgeons until 1978 and a prominent researcher in the fields of renal physiology and liver disease.

2023 Recipients:



Roberto Fedrigo



Peter Sang Park



Zitong Yu

WAGNER-TORIZUKA FELLOWSHIP PROGRAM

A one or two-year fellowship in the United States and Canada for Japanese physicians in the early stages of their careers, designed to advance research and clinical expertise and equip them to make significant contributions to the field of nuclear medicine and molecular imaging in Japan. The purpose of the program is to provide experience and training in nuclear medicine/molecular imaging modalities in the areas of cardiology, neurology, and oncology. **Funded by Nihon Medhi-Physics**

2023 Recipients:



Hidenobu Hashimoto, MD, PhD



Yoshiaki Ota, MD, PhD



Yoshikazu Nakano, MD, PhD

ROBERT E. HENKIN, MD, GOVERNMENT RELATIONS FELLOWSHIP

The Robert E. Henkin Fellowship provides early-career professionals in nuclear medicine and molecular imaging direct personal exposure to government relations activities of the SNMMI as well as the state and federal legislative and regulatory process.

2023 Recipient: *Angellica O. Gordon, MD*

SNMMI PROFESSIONAL DEVELOPMENT AWARDS

URSULA MARY KOCEMBA-SLOSKY, PHD PROFESSIONAL RELATIONS FELLOWSHIP

The professional relations fellowship was created in 2014 to provide emerging professionals direct, personal exposure to professional and public relations activities of the SNMMI as they relate to other medical societies and professional organizations. The fellowship is designed to provide a gifted and highly motivated early-career professional a collaborative experience in intersociety relations.

2023 Recipients: *Bhasker Radaram, PhD and Remo George, PhD, CNMT*

SNMMI FUTURE LEADERS ACADEMY

The SNMMI Future Leaders Academy focuses on setting a clear plan for increasing leadership abilities. Members will develop the necessary skills and receive organizational expertise in order to enhance performance and ultimately evolve into a leader both within the nuclear medicine and molecular imaging community and the SNMMI.

2023 Participants

Ragheed Al-Dulaimi, MBCHB, MPH, MSc – Pacific Northwest

Angellica Gordon, MD – Pacific Southwest

Susan Claire Gowdy, MD, MSc – Pacific Northwest

Mario Jreige, MD – International

Roxanna Juarez, MD – Northern California

Simone Krebs, MD – Greater New York

Moozhan Nikpanah, MD – Central

Matteo Novello, MD – Greater New York

Ashwin Singh Parihar, MBBS, MD – Missouri Valley

Ali Aria Razmaria, MD, MSc – Greater New York

Suman Shrestha, MBBS, PhD – International

Carlos Uribe, PhD – Pacific Northwest

Randy Yeh, MD – Greater New York

Elcin Zan, MD – Greater New York

Elena Maria Zannoni, PhD – Central

SNMMI-TS LEADERSHIP ACADEMY

The academy is a two-day leadership development program featuring current SNMMI-TS Leadership, key members of the SNMMI-TS, and staff who have dedicated themselves to improving SNMMI-TS achievement in the Nuclear Medicine and related fields. Lectures will be complemented by team building exercises and networking opportunities. Each lecture will consider a different aspect of leadership and will be led by technologists or keynote speakers with an intimate knowledge of the subject. The overall goal is to assemble a group of SNMMI-TS leaders who understand the crucial role of leadership development and who are eager to begin the path to SNMMI-TS Leadership and organizational success.

2023 Participants

Ejda Bajric – Missouri Valley

Emily Brooks – Central

Sarah Clements – New England

Michael Dillard – Pacific Northwest

Jose “Freddy” Gonzalez – Southwestern

Lucas Gross – Central

Jason Joson – Pacific Southwest

David Kelkis – Mid-Eastern

Jessica Long – Southeastern

Martha Mar – Southwestern

Elad Nevo – Greater New York

Erika Padilla-Morales – Northern California

Alexia Romano – New England

Melissa Snody – Central

Angela Weiler – Central

Caitlin Woltering – Missouri Valley

Asimeng Sarkodie – International

Miriam Yarley Yartey – International

Clement Korsah – International

Victoria Engelen – Staff

Minah Hussain – Staff

SNMMI PROFESSIONAL DEVELOPMENT AWARDS

SNMMI INTERNS

The SNMMI Council/Center Internship Program provides early career professionals the opportunity to get involved with the Society at the Council and Center level. Each Council/Cen, along with the Clinical Trials Network, select an intern for a two-year term as a non-voting member of its Board of Directors. The 2023-2025 SNMMI Interns are:

Academic Council Intern: Emmanuel Carrodegua, MD

Brain Imaging Council Intern: Mary Ellen Koran, MD, PhD

Cardiovascular Council Intern: Chaitanya Madamanchi, MD and Mrin Shetty, MD

Center for Molecular Imaging Innovation & Translation Intern: Inna Gertsenshteyn, PhD

Clinical Trials Network Intern: Molly Martin, PhD

Correlative Imaging Council Intern: Justin Peacock, MD, PhD

DE&I Task Force: Angellica Gordon, MD

General Clinical Nuclear Medicine Council Intern: Crystal Gantz, CNMT, RT(CT), ARRT(N)

Pediatric Imaging Council Intern: Kip Guja, MSc, MD, PhD

PET Center of Excellence Intern: Thangalakshmi Sivathapandi, MD and Ahmed Abdelrahman, MD

Physics, Instrumentation and Data Sciences Council Intern: Joseph Steiner, PhD

Radiopharmaceutical Sciences Council Intern: Anjong Tikum, PhD

Therapy Center of Excellence Intern: Ashwin Parihar Singh, MBBS, MD

FALL APPLICATIONS OPEN SOON!

**Explore SNMMI and
SNMMI-TS Grants
and Awards Listings
for 2023-2024**

WWW.SNMMI.ORG/GRANTS



SNMMI ONES TO WATCH 2023

SNMMI is pleased to announce our annual list of early career professionals selected as “Ones to Watch” in 2023. Launched in 2018, SNMMI’s Ones to Watch campaign aims to recognize those with the potential to shape the future of precision medicine across all spectrums of the field. Members can nominate themselves or someone they know whose actions, work, or studies have set them apart as a future thought leader in nuclear medicine and molecular imaging. Recipients are selected with the help of the SNMMI Committee on Councils and Centers and the SNMMI-TS Professional Development Committee. We are proud to showcase rising talent in the field, offering a platform to increase recognition for early career professionals within our specialty. Congratulations to the following honorees!



Bo Zhou, MS



Attila Feher, MD, PhD



Kiran Solingapuram Sai, PhD



Krishna K. Patel, MBBS, MSc



Sophia Rose O'Brien, MD



Abhishek Jha, MD



Sandeep S. Panikar, PhD



Madison R. Kocher, MD, MBA, CIIP



Adam J. Rosenberg, PhD



Kiel D. Neumann, PhD



Alejandro Bertolet, PhD



Israt Alam, PhD



Rutger S. Gunther, MD, MPH



Nandakumar Menon, MD



Raik Artschwager, PhD

SNMMI ONES TO WATCH 2023

(CONTINUED)



Thomas Anderson, MD, PhD



Catherine (Caffi) Meyer, PhD, MSc



Apurva Pandey, PhD



Natalia Herrero Alvarez, PhD



Jay S. Wright, PhD



Sumudu Katugampola, PhD



Garima Arvikar, PhD



Shalini Chopra, PhD, MSc



Kip Guja, MD, PhD



*Chloe Wendorf
MHA, CRA, CNMT*



*Sarah Clements Holt
BS, CNMT, NMTCB(CT)*



Jessica Long, CNMT



Sara Harsini, MD, MPH



Riccardo Laudicella, MD