



WORLD CORNEA IX CONGRESS

PROGRAM

MARCH 20-22, 2025



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Welcome to the World Cornea Congress IX!

Dear Colleague,

It is with great excitement we welcome you to Washington, DC as the Cornea Society hosts the World Cornea Congress IX (WCC IX) at the Westin Washington, DC Downtown, March 20-22, 2025. This international gathering promises to deliver the latest advancements and innovations in the field of corneal disease and treatment.

In the three years since the last World Cornea Congress, we have witnessed remarkable progress in corneal transplantation, genetic analysis, diagnostics, and beyond. WCC IX offers an integrated platform to explore these groundbreaking developments, all in one place.

This congress stands as a truly global event, bringing together participants from around the world to share an unparalleled diversity of expertise and experiences. Our symposia, courses, and free paper sessions feature contributions from leading voices across continents, ensuring a rich and comprehensive program.

We are thrilled to host you for this extraordinary meeting and invite you to join us at the Welcome Reception on Friday, March 21. This is a wonderful opportunity to connect with colleagues, explore Washington, DC, and immerse yourself in the vibrant atmosphere of the event.

After the second day of programming on Saturday, March 22, we invite you to the Cornea Party! This special evening is designed for you to relax, unwind, and celebrate with music and dancing. Don't miss this chance to make lasting memories and foster meaningful connections.

We are delighted to have you with us for this remarkable gathering and look forward to an inspiring and engaging congress together.

See you in Washington, DC!

WCC IX Program Chairs



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**Deepinder K. Dhaliwal,
MD, L.Ac.**
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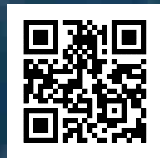
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Philadelphia, PA
United States

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Cornea Society

Advancing the treatment of corneal disease



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Cornea Society

Advancing the treatment of corneal disease

HISTORY

The Cornea Society was founded in 1975 in recognition of the contributions of its original namesake, Ramon Castroviejo, MD, a consummate educator and a pioneer in corneal transplantation. The Society fosters the exchange of information about the cornea and anterior segment of the eye through scientific meetings, communications, a scientific journal, and online and print clinical newsletters and content. It serves its members as an international organization dedicated to advancing understanding of the cornea, external eye and ocular surface, and acts as a representative voice for corneal specialists globally.

The Society's first meeting was held in the fall of 1975 during the week of the American Academy of Ophthalmology meeting in Dallas, Texas, and the initial officers were Dr. Fernando Losada (President), Dr. Hernando Cardona (Vice President), and Dr. Frank Polack (Secretary-Treasurer). It was agreed that the Castroviejo Society would be a scientific society of international character, devoted to the knowledge of diseases of the cornea and anterior segment of the eye.

In 2002, the Board of Directors officially changed the name of the Society to the Cornea Society in keeping with its broadening character and mission.

MISSION STATEMENT

The Cornea Society is an international society dedicated to promoting the exchange of information in cornea and external disease.

WORLD CORNEA CONGRESS

CORNEA PARTY

FEATURING
DJ AJA

AKA

ANTHONY ALDAVE, MD

SATURDAY // MARCH 22, 2025 // WASHINGTON, DC

8:00 PM – 11:00 PM // POTOMAC 1/2



Anthony J. Aldave, MD
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Ann Arbor, MI
United States

EVAPORATIVE DRY EYES? LOOK TO MEGA-3



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and antioxidants[†]

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*Data on file, AbbVie, Inc. REF113774. [†]Inactive Ingredient. MGD = meibomian gland dysfunction.
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iLink[®] is the only FDA-approved cross-linking procedure that slows or halts progressive keratoconus to help you preserve vision.

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INDICATIONS

Photrexa[®] Viscous (riboflavin 5'-phosphate in 20% dextran ophthalmic solution) and Photrexa[®] (riboflavin 5'-phosphate ophthalmic solution) are indicated for use with the KXL System in corneal collagen cross-linking for the treatment of progressive keratoconus and corneal ectasia following refractive surgery. Corneal collagen cross-linking should not be performed on pregnant women.

IMPORTANT SAFETY INFORMATION

Ulcerative keratitis can occur. Patients should be monitored for resolution of epithelial defects.

The most common ocular adverse reaction was corneal opacity (haze). Other ocular side effects include punctate keratitis, corneal striae, dry eye, corneal epithelium defect, eye pain, light sensitivity, reduced visual acuity, and blurred vision.

These are not all of the side effects of the corneal collagen cross-linking treatment. For more information, go to www.livingwithkeratoconus.com to obtain the FDA-approved product labeling.

You are encouraged to report all side effects to the FDA. Visit www.fda.gov/medwatch, or call 1-800-FDA-1088.

^{††}Photrexa[®] Viscous and Photrexa[®] are manufactured by Avedro. The KXL[®] system is manufactured by Avedro. Avedro is a wholly owned subsidiary of Glaukos Corporation.

REFERENCE: 1. Photrexa [package insert]. Waltham, MA: Glaukos, Inc; 2016.

MA-01953A

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WORLD CORNEA IX CONGRESS

GENERAL INFORMATION



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REGISTRATION LOCATION AND HOURS

Registration is located in the Potomac Foyer at the Westin Washington DC Downtown. All WCC IX attendees and exhibitors can pick up their badge at registration.

Thursday, March 20 2:00 PM – 6:00 PM

Friday, March 21 6:30 AM – 5:30 PM

Saturday, March 22 6:30 AM – 5:00 PM

ATTENDEE REGISTRATION

Attendee registration includes a badge, downloadable WCC IX Meetings App, all sessions and regular courses, entrance to the exhibit hall, and WCC IX Welcome Reception and Cornea Party.

ATTENDEE VERIFICATION

All attendees must have their badges printed onsite and verified as eligible for credit.

PRESS REGISTRATION

Registered media may pick up their badge during registration hours at Registration. All other media must register during the hours outlined above. Official press credentials (business card, press card, letter on official letterhead certifying media affiliation) must be presented.

SPEAKER READY ROOM

Foundry Branch

Thursday, March 20

2:00 PM – 6:00 PM

Friday, March 21

7:00 AM – 5:00 PM

Saturday, March 22

7:00 AM – 4:00 PM

If you are presenting during WCC IX, you are required to upload your presentation(s) in the speaker ready room at least 24 hours prior to the start of your session. We recommend you review your PowerPoint or Keynote presentation and video files in the Speaker Ready Room, even if you have uploaded your presentation remotely. Please bring a backup copy of all files on a USB memory stick.



WCC IX MEETING RESOURCES

WCC IX MEETING APP

Download the WCC IX Meeting App to get the latest updates on any device, anywhere.

- Build a personalized schedule.
- Bookmark exhibitors and plan your exhibit hall experience.
- Download and view course handouts.
- Take notes on presentations, handouts and exhibitors.
- Browse and view posters at your convenience.



Enhance your meeting experience:

- Stay organized with up-to-the-minute exhibitor, speaker, and event information.
- Browse the program by day, track, or session type.
- Receive important real-time communications from show organizers.

EVALUATIONS AND CLAIMING CREDITS

Note: All badges must be printed and verified onsite to be eligible for credit. You must have a valid badge number to access the evaluation and claim credit. The WCC IX Programs can be evaluated electronically.

All verified attendees will be emailed a link to the online program evaluation and credit claim following the event.

WCC IX EXHIBIT HALL

DATES, TIMES, GENERAL DETAILS

Visit the WCC IX exhibit hall located in Potomac 3 to meet with participating companies, representing a wide variety of products and services.

Friday, March 21

7:00 AM – 5:00 PM

Saturday, March 22

7:00 AM – 5:00 PM



HOTEL

The Westin DC Downtown

999 9th St NW, Washington, DC 20001
1 202-898-9000

[Westin DC Downtown](#)

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Washington Dulles International Airport – 28.9 miles

Baltimore/Washington International Thurgood Marshall Airport – 33 miles

METRO

The Red Line and Green Line Metrorail stops are near 999 9th Street Northwest in Washington, DC.

Red Line Metrorail stops

Gallery Pl-Chinatown: Red Line Track 2 Platform, a 4-minute ride from Union Station

Union Station: Red Line Center Platform, with a subway that runs every 10 minutes

Green Line Metrorail stops

Green Line Metrorail: A nearby Metrorail stop
<https://www.wmata.com/>

OTHER NEARBY TRANSIT OPTIONS

Bus

A bus from E St NE+Columbus Cir to New York Av NW+9 St NW runs every 10 minutes

Walking

A 7-minute walk to Mount Vernon Square/7Th St-Convention Center

An 8-minute walk to Metro Center

A 12-minute walk to Archives-Navy Memorial and Judiciary Square

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The Market at Root and Vine
7:30 AM-11:00 PM

OFF PROPERTY DINING NEAR BY

Tatte Bakery and Cafe

Del Frisco's Double Eagle Steakhouse

Cuba Libre Restaurant & Rum Bar

Estuary

The Capital Burger

RPM Italian

REGISTRATION AREA

Ballroom level
Potomac Foyer

REGISTRATION HOURS

Thursday, March 20
2:00 PM – 6:00 PM

Friday, March 21
6:30 AM – 5:30 PM

Saturday, March 22
6:30 AM – 5:00 PM

Speaker Ready Room – Foundry Branch

Mother's Room – Meeting Planner Office B

Prayer Room – Meeting Planner Office A

Lost and found – Registration Desk

General Session Room 1 – Potomac 1 & 2

Exhibit Hall – Potomac 3

General Session Room 2 – Rock Creek A

Course Room – Rock Creek B

Free Paper Session – Rock Creek C

Poster Session – Anacostia F

Industry Theater – Anacostia DE

Industry Wet Lab Rooms – River Birch A & B



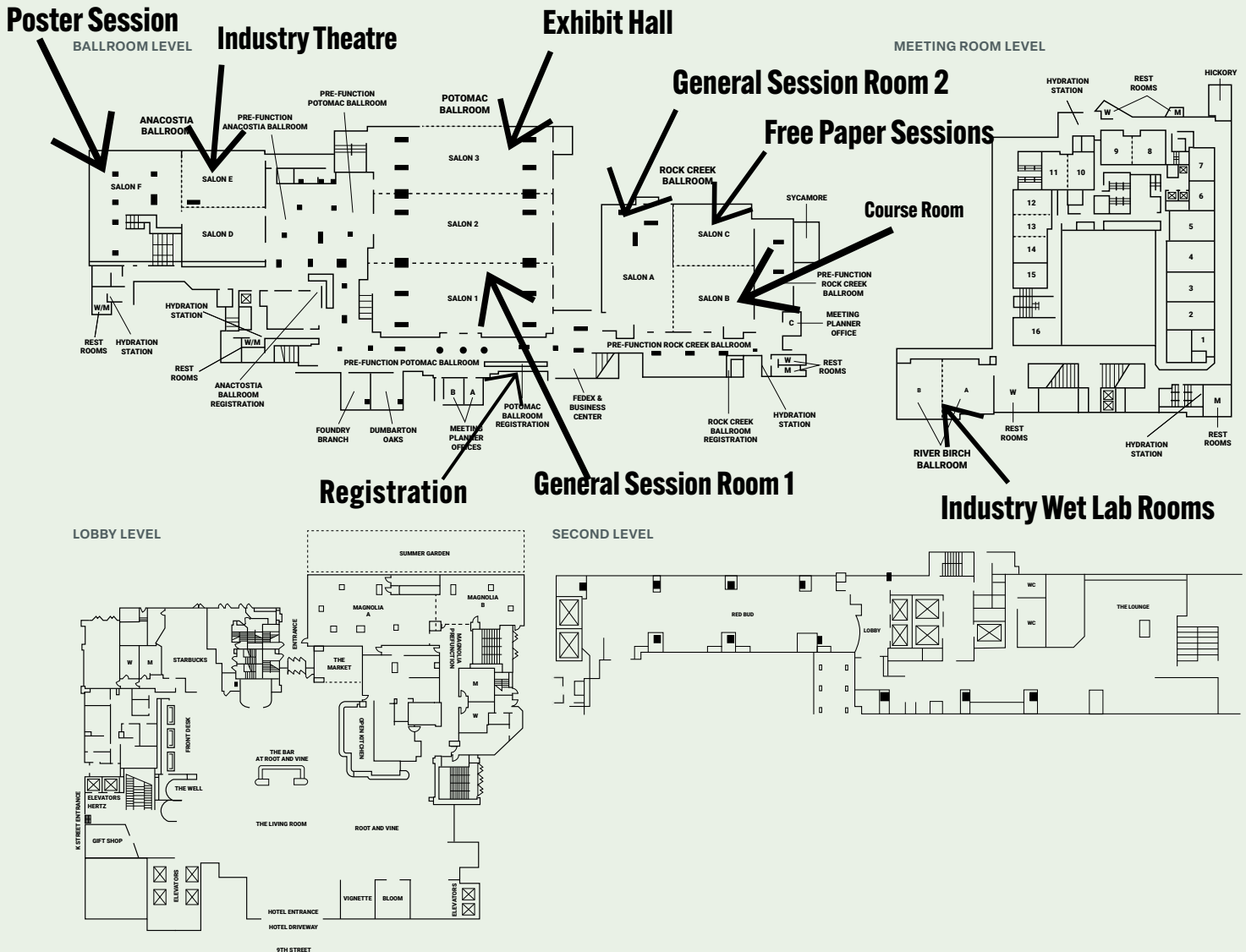
HOTEL

The Westin DC Downtown

999 9th St NW, Washington, DC 20001

1 202-898-9000

[Westin DC Downtown](#)





THE NEW WESTIN WASHINGTON, DC DOWNTOWN IS EXCITED TO HOST THE WCC IN 2025.

Immerse yourself in the allure of iconic Washington, DC experiences just steps away from the hotel. From the National Mall to Chinatown, Capital One Arena to City Center DC, the best of the city awaits outside of the hotel doors. Ideally located in the heart of the trendy Penn Quarter a short walk to the restaurants and retail comprising the fashionable City Center, museums, and night life of the 7th Street corridor awaits. Visit the International Spy Museum and Portrait Gallery. Catch a game, concert or event at Capitol One Arena. Easy access to three Metro stations serving five lines; three minutes from Union Station.

THINGS TO DO IN WASHINGTON, DC

Smithsonian Institution

<https://www.si.edu/>

The Smithsonian is the world's largest museum complex, with 21 museums and the National Zoo. Eleven museums are located along the National Mall in Washington, DC, six others and the Smithsonian's National Zoo are nearby, two are in New York City, and two more are in the works.

The National Mall

<https://nationalmall.org/>

Visit America's Front Yard! The National Mall is centrally located in Washington, DC, stretching over 2 miles from the Lincoln Memorial on the west end to the U.S. Capitol on the east end. We recommend you ride the Metro to the Smithsonian stop on the Orange, Blue and Silver lines since parking is limited along the Mall. If you'd prefer to bike, Capital Bikeshare has multiple docks located on or near the National Mall grounds. And once you're on the Mall, you can take the DC Circulator National Mall route between the different sites.

The National Theatre

<https://www.thenationaldc.com/>

Located on Pennsylvania Avenue near the White House, the historic National is one of America's oldest, continually operating theaters. Its lineup features national tours of Broadway favorites, pre-Broadway premieres, concerts and special events. Tickets and group rates vary with attraction and according to availability. Advance reservation required (minimum of 10 for groups). Hearing amplification available; narrated and ASL performances.

Ford's Theatre

<https://fords.org/>

A working theatre, historical monument, world-class museum, and learning center, Ford's Theatre is the premier destination in Washington, DC, for exploring Abraham Lincoln's legacy and celebrating the American experience. The site of Lincoln's assassination in April 1865, Ford's Theatre offers visitors the opportunity to immerse themselves in America's past while revealing meaningful connections to today.

Arlington National Cemetery

<https://www.arlingtontours.com/>

Arlington National Cemetery is an enduring tribute to those who have dedicated their lives to defending the ideals of our nation. A visit here will leave an indelible impression on your spirit. Aboard the continuous 45-60 minute loop, you will have the opportunity to disembark and explore. The tour makes 7 stops on weekdays and 10 stops on weekends. Relax on their comfortable tour vehicles as you journey through history.

Capitol One Arena

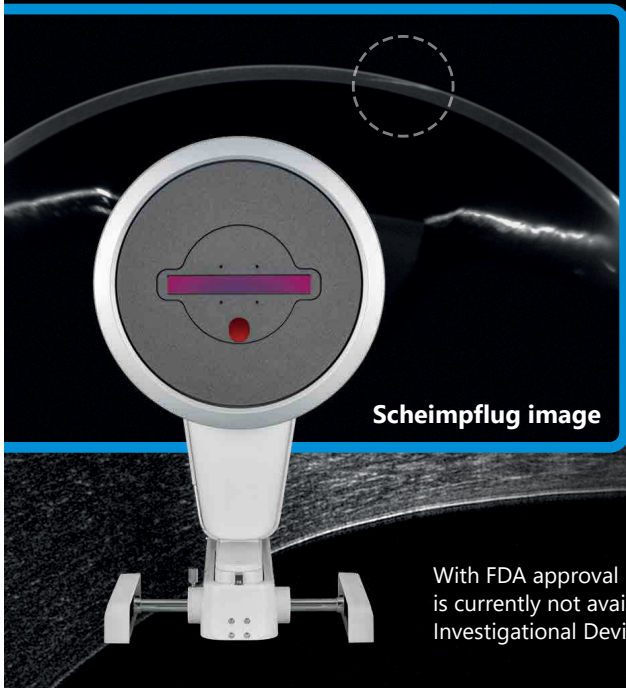
<https://www.capitalonearena.com/>

Capital One Arena is an indoor arena in Washington, D.C. Located in the Chinatown section of the larger Penn Quarter neighborhood, the arena sits atop the Gallery Place rapid transit station of the Washington Metro. Catch a show, sporting event or concert.

The best way to see and explore Washington DC and the region is by bike. And the best way to bike the city and region is with the DC Cycling Concierge! Let the DC Cycling Concierge customize a bicycle ride to meet your goals and fit your schedule.

<https://www.dccyclingconcierge.com/>

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Cornea OCT image

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THURSDAY, MARCH 20

2:00 PM - 6:00 PM	Registration	Potomac Foyer
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FRIDAY, MARCH 21

6:30 AM - 5:30 PM	Registration	Potomac Foyer
7:00 AM - 8:00 AM	Industry Theater - Dompé (Breakfast Event)	Anacostia DE
7:00 AM - 8:00 AM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
7:00 AM - 8:15 AM	Breakfast	Potomac 3 / Anacostia F
7:00 AM - 5:00 PM	Electronic Posters available March 21 - 22	Anacostia F
7:00 AM - 5:00 PM	Exhibit Hall	Potomac 3
7:30 AM - 10:00 AM	Skill Lab: TransplantREADY Endo-In DMEK, DMEK, DSAEK Presented by Lions World Vision Institute	River Birch B
8:00 AM - 9:00 AM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
8:00 AM - 9:30 AM	Symposium: Fuchs Endothelial Corneal Dystrophy CME	Potomac 1/2
8:00 AM - 9:30 AM	Course: Scratching Below the Surface: Clinical Pearls in Pediatric Ocular Surface Diseases	Rock Creek B
9:00 AM - 10:00 AM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
10:00 AM - 10:30 AM	Opening Session: Lindstrom Corneal Surgical Innovation Lecture - Rejuvenation of the Corneal Endothelium	Potomac 1/2
10:30 AM - 11:00 AM	Refreshment Break in Exhibit Hall and Virtual Theater	Potomac 3 / Anacostia F
11:00 AM - 12:00 PM	Skill Lab: CAIRS Presented by Lions World Vision Institute	River Birch B
11:00 AM - 12:00 PM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
11:00 AM - 12:30 PM	Symposium: DALK: Alternative Approaches and Indications CME	Potomac 1/2
11:00 AM - 12:30 PM	Symposium: NK Symposium CME	Rock Creek A
11:00 AM - 12:30 PM	Course: Tough Cornea, Tougher Cataract - Pearls for Surgical and Postoperative Management	Rock Creek B
11:00 AM - 12:30 PM	Paper Session 1	Rock Creek C
12:00 PM - 1:00 PM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
12:30 PM - 1:30 PM	Industry Theater - STAAR Surgical (Lunch Event)	Anacostia DE
12:30 PM - 2:00 PM	Lunch on Own / Exhibits and Virtual Theater Open	Potomac 3 / Anacostia F
1:00 PM - 2:00 PM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
1:00 PM - 3:30 PM	Skill Lab: TransplantREADY Endo-In DMEK, DMEK, DSAEK Presented by Lions World Vision Institute	River Birch B
2:00 PM - 3:00 PM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
2:00 PM - 3:30 PM	Symposium: End Stage Cornea: Now What? CME	Potomac 1/2
2:00 PM - 3:30 PM	Symposium: WCC Complex Anterior Segment Reconstruction CME	Rock Creek A
2:00 PM - 3:30 PM	Course: What's New in the Surgical Treatment of Keratoconus	Rock Creek B
2:00 PM - 3:30 PM	Paper Session 2	Rock Creek C
3:00 PM - 4:00 PM	Skill Lab: CTAK Presented by CorneaGen	River Birch A
3:30 PM - 4:00 PM	Refreshment Break in Exhibit Hall and Virtual Theater	Potomac 3 / Anacostia F
4:00 PM - 5:00 PM	Skill Lab: CAIRS Presented by Lions World Vision Institute	River Birch B
4:00 PM - 5:30 PM	Symposium: Tumors: Don't Miss These! CME	Potomac 1/2



4:00 PM - 5:30 PM	Symposium: Inflammatory Diseases of the Anterior Segment CME	Rock Creek A
4:00 PM - 5:30 PM	Course: Ocular Surface Disease: Medical Optimization and Surgical Interventions	Rock Creek B
4:00 PM - 5:30 PM	Paper Session 3	Rock Creek C
5:30 PM - 7:30 PM	Opening Reception	Potomac / Anacostia Foyer
7:30 PM - 9:00 PM	CSU Reception - by invitation only	Anacostia DE

SATURDAY, MARCH 22

6:30 AM - 5:00 PM	Registration	Potomac Foyer
7:00 AM - 8:00 AM	Industry Theater - Dompé (Breakfast Event)	Anacostia DE
7:00 AM - 8:30 AM	Breakfast	Potomac 3 / Anacostia F
7:00 AM - 5:00 PM	Electronic Posters	Anacostia F
7:00 AM - 5:00 PM	Exhibit Hall	Potomac 3
8:30 AM - 10:00 AM	Symposium: Refractive Surgery CME	Potomac 1/2
8:30 AM - 10:00 AM	Symposium: CSU: What's Hot Today CME	Rock Creek A
8:30 AM - 10:00 AM	Course: Keratitis - Different Strokes: Lessons Learnt from the Indian Experience	Rock Creek B
8:30 AM - 10:00 AM	Paper Session 4	Rock Creek C
8:30 AM - 10:00 AM	Skill Lab: CAIRS Presented by Lions World Vision Institute	River Birch B
10:00 AM - 10:30 AM	Refreshment Break in Exhibit Hall and Virtual Theater	Potomac 3 / Anacostia F
10:30 AM - 12:00 PM	Symposium: Ectasia Management CME	Potomac 1/2
10:30 AM - 12:00 PM	Symposium: Ocular Surface Disease CME	Rock Creek A
10:30 AM - 12:00 PM	Course: Revolutionizing Therapy for Corneal Endothelial Dysfunction: From Descemet's Stripping Only to Cell Therapy	Rock Creek B
10:30 AM - 12:00 PM	Paper Session 5	Rock Creek C
11:00 AM - 3:00 PM	Skill Lab: TransplantREADY Endo-In DMEK, DMEK, DSAEK Presented by Lions World Vision Institute	River Birch B
12:00 PM - 1:30 PM	Lunch on Own / Exhibits and Virtual Theater Open	Potomac 3 / Anacostia F
1:30 PM - 3:00 PM	Symposium: Infection Symposium CME	Potomac 1/2
1:30 PM - 3:00 PM	Symposium: Lamellar Keratoplasty CME	Rock Creek A
1:30 PM - 3:00 PM	Course: Kera-Net Live	Rock Creek B
1:30 PM - 3:00 PM	Paper Session 6	Rock Creek C
3:00 PM - 3:30 PM	Refreshment Break in Exhibit Hall and Virtual Theater	Potomac 3 / Anacostia F
3:30 PM - 5:00 PM	Symposium: Surgical Innovations CME	Potomac 1/2
3:30 PM - 5:00 PM	Symposium: Future Directions CME	Rock Creek A
3:30 PM - 5:00 PM	Course: Middle Segment Surgery: Using the Pars Plana to Solve Anterior Segment Surgical Challenges	Rock Creek B
3:30 PM - 5:00 PM	Paper Session 7	Rock Creek C
4:00 PM - 5:00 PM	Skill Lab: CAIRS Presented by Lions World Vision Institute	River Birch B
8:00 PM - 11:00 PM	Cornea Party	Potomac 1/2



FRIDAY, MARCH 21

Industry Theater, Anacostia DE

7:00 AM - 8:00 AM

You Make the Call: Neurotrophic Keratitis and the Masqueraders

An interactive program that provides an understanding of the background etiologic impact on neurotrophic keratitis (NK), mechanism of disease, and associated diagnostic testing. This will be a case-based discussion, and patient cases illustrated today will highlight NK and disease states that may mimic NK.

Speaker: Anthony Aldave, MD, Stein Eye Institute, UCLA, Los Angeles, CA

Sponsored by Dompé

12:30 PM - 1:30 PM

Phakic ICLs in Modern Refractive Surgery – Expanding Options for Myopic Patients with EVO ICL™

The prevalence of myopia is increasing rapidly worldwide, with a particularly sharp rise in Asia. Global projections indicate that by 2050, nearly half of the world's population will be affected by myopia. STAAR Surgical is dedicated to providing an advanced surgical solution to address this growing issue.

Join us for the Friday lunch symposium to hear about EVO ICL™ and the benefits for prospective patients. STAAR Surgical developed the Intraocular Collamer™ Lens (ICL); the ICL is implanted behind the iris and in front of the patient's natural lens to treat refractive errors such as myopia, hyperopia, and astigmatism. (Not all of those options are approved in the US)

During the program, the panel of experts will cover the following learning objectives:

- Understand the EVO ICL benefits over other surgical refractive options
- Identify the best candidates to offer them excellent technology, achieve exceptional outcomes, and have happy patients
- Learn and implement the best practices for the pre-op and post-op process
- Incorporate the tips and pearls from leading EVO surgeons

Don't miss this opportunity to attend the symposium and learn about advanced alternatives for your refractive patients looking for visual freedom.

Sponsored by STAAR Surgical

SATURDAY, MARCH 22

7:00 AM - 8:00 AM

NK Today: Must See Programming on All Things Neurotrophic Keratitis

This promotional program, designed for Ophthalmologists, will review the pathophysiologic mechanisms of neurotrophic keratitis (NK), associated etiologies, diagnostic strategies, and management of NK patients.

Sponsored by Dompé



THANK YOU

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Beijing Microkpro Medical Instrument Co.

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Corza Medical

Del Ray Pharma

Eversight

Eye Bank Association of America (EBAA)

Kedrion Biopharma, Inc.

Lions Gift of Sight

Lions World Vision Institute (LWVI)

MedTech International Group

MicroSurgical Technology

Moria/Alchimia

OMIC

Sight Sciences

TissueGUARD GmbH

Vision Share

W. L. Gore

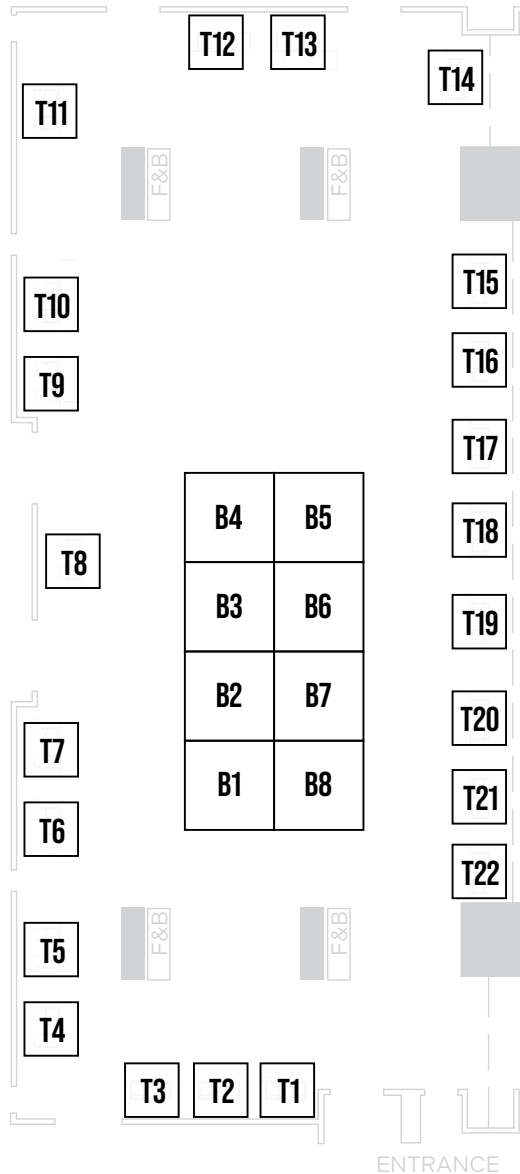
Ziemer



EXHIBIT HALL

The Westin DC Downtown

POTOMAC BALLROOM 3



BOOTHS

- B1** AbbVie
- B2** Thea Pharma, Inc.
- B3** VisionGift
- B5** OCULUS Optikgeräte GmbH
- B6** Carl Zeiss Meditec USA
- B7** Glaukos
- B8** Dompé

TABLES

- T1** OMIC
- T2** Sight Sciences
- T3** Bausch + Lomb
- T4** TissueGUARD GmbH
- T5** Lions World Vision Institute (LWVI)
- T6** Corza Medical
- T7** Lions Gift of Sight
- T8** MedTech International Group
- T9** Moria/Alchimia
- T10** Kedrion Biopharma, Inc.
- T11** ANI Pharmaceuticals, Inc.
- T12** Beijing Microkpro Medical Instrument Co.
- T13** STAAR Surgical
- T14** Del Ray Pharma
- T15** Vision Share
- T16** Aurolab Foundation
- T17** Alcon
- T18** CorneaGen
- T19** Ziemer
- T20** W. L. Gore
- T21** Eversight
- T22** Associates of Cape Cod, Inc.



LINDSTROM CORNEAL SURGICAL INNOVATION LECTURE

FRIDAY, MARCH 21 – 10:00 AM - 10:30 AM

Potomac 1/2

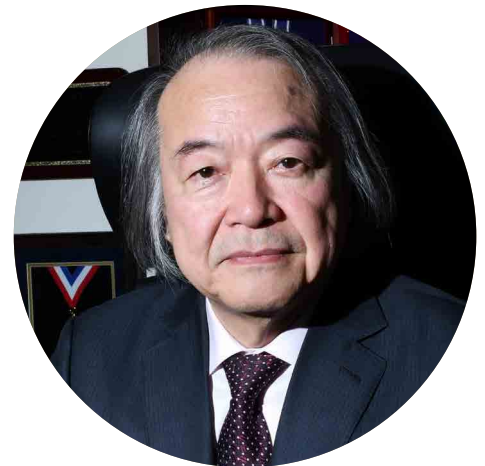
Lindstrom Corneal Surgical Innovation Lecture and Prize, made possible through the generous support of Dr. Richard Lindstrom, MD. This new award celebrates individual who has demonstrated exceptional innovation. This award recognizes an exceptional MD, clinician, scientist, and/or educator working in an academic or private practice setting globally. The recipient must have demonstrated groundbreaking contributions to corneal surgery through the invention and development of an innovative device, therapeutic, or surgical procedure with significant global impact.

SHIGERU KINOSHITA, MD, PhD

Professor and Chair

**Department of Frontier Medical Science and Technology for
Ophthalmology Kyoto Prefectural University of Medicine, Kyoto, Japan**

Dr. Shigeru Kinoshita, a clinician scientist, graduated from Osaka University Medical School in 1974, and has served as the Professor and Chair of Ophthalmology at Kyoto Prefectural University of Medicine since 1992. Because of his stepping down from the Chair of Ophthalmology in March 2015, he was elected the Professor and Chair of Frontier Medical Science and Technology for Ophthalmology at Kyoto Prefectural University of Medicine in April 2015. And, he has been continuously working as a distinguished clinician scientist.



Kinoshita is a recipient of the 1999 Alcon Research Institute Award, the 2008 Castroviejo Medal Lecturer of the Cornea Society, the 2009 ARVO Gold Fellow, the Doyne Memorial Lecturer of the 2011 Oxford Ophthalmological Congress in United Kingdom, Charles D. Kelman Innovator Award, ASCRS 2015, the Friedenwald Award Lecture at the ARVO 2016, The Coster Lecture at the Australian and New Zealand Cornea Society 2017, and David Easty Lecture at the Bowman's Club 2017. He served as the ARVO Trustee of the Cornea Section between 2006 and 2011.

Rejuvenation of the Corneal Endothelium

Current treatments for corneal endothelial failure primarily rely on corneal endothelial transplantation techniques. Although these methods are established, their long-term outcomes depend more on the biological aging of donor corneal endothelial cells than on immunological factors. We have developed a breakthrough therapy that involves injecting allogeneic mature-differentiated cultured corneal endothelial cells derived from very young donor corneas, and supplemented with a ROCK inhibitor solution, into the patient's anterior chamber. This method rejuvenates a high-density corneal endothelial layer that restores corneal transparency. Cultured cells from a single pair of donor corneas can treat at least 300 patients. These products represent a transformative advance in corneal endothelial surgery, with the potential to benefit over a million patients globally.



Thursday, March 20

2:00 PM - 6:00 PM Registration Potomac Foyer

Friday, March 21

6:30 AM - 5:30 PM Registration Potomac Foyer

7:00 AM - 8:00 AM Industry Theater - Dompé (Breakfast Event)
Presented by Dompé Anacostia DE

7:00 AM - 8:00 AM **Skill Lab: CTAK**
Presented by CorneaGen River Birch A

7:00 AM - 8:15 AM Breakfast Potomac 3 / Anacostia F

7:00 AM - 5:00 PM Electronic Posters are available on monitors from 7:00AM on Friday, March 21, through 5:00PM on Saturday, March 22. Anacostia F

7:00 AM - 5:00 PM Exhibit Hall Potomac 3

7:30 AM - 10:00 AM **Skill Lab: TransplantREADY Endo-In DMEK, DMEK, DSAEK**
Presented by Lions World Vision Institute River Birch B

8:00 AM - 9:00 AM **Skill Lab: CTAK**
Presented by CorneaGen River Birch A

8:00 AM - 9:30 AM **Symposium: Fuchs Endothelial Corneal Dystrophy** **CME**
Moderators: Anthony Aldave, MD; Friedrich Kruse, MD Potomac 1/2

8:15 AM - 8:17 AM Introduction

8:17 AM - 8:26 AM Ripasudil After Descemet Stripping Only: The Kowa K-321 Study
Kathryn Colby, MD, PhD

8:26 AM - 8:35 AM Sirolimus Frops for Early FECD: The PHANTOM Study
Sunita Chaurasia, MD

8:35 AM - 8:44 AM Fibroblast Growth Factor-1 for Prevention of Corneal Endothelial
Decompensation: The OPTIC Study - *Francis Price, MD*

8:44 AM - 8:53 AM Lessons Learned from DSO - *Kathryn Colby, MD, PhD*

8:53 AM - 9:02 AM Discussion

9:02 AM - 9:11 AM Descemet Endothelial Thickness Comparison Trial
Winston Chamberlain, MD, PhD

9:11 AM - 9:20 AM Ex Vivo Expanded Corneal Endothelial Cells: IOTA and Escalón Trials
Matthew Giegengack, MD

9:20 AM - 9:29 AM Ex Vivo Expanded Corneal Endothelial Cells with Magnetic Nanoparticles:
EO2002 Trial - *Ellen Koo, MD*

9:29 AM - 9:45 AM Discussion

8:00 AM - 9:30 AM **Course: Scratching Below the Surface: Clinical Pearls in Pediatric Ocular
Surface Diseases** Rock Creek B
Course Organizer: *Simon Fung, MD, MA, FRCOphth*

8:15 AM - 8:17 AM Introduction

8:17 AM - 8:27 AM Herpetic Eye Diseases - *Angela Zhu, MD*



Friday, March 21

	8:27 AM - 8:37 AM	Blepharokeratoconjunctivitis - <i>Larissa Gouvea, MD</i>	
	8:37 AM - 8:47 AM	Vernal Keratoconjunctivitis - <i>Ramez Borbara, MBChB, FRCOphth</i>	
	8:47 AM - 9:01 AM	Discussion	
	9:01 AM - 9:11 AM	Management of Stevens Johnson Syndrome / Toxic Epidermal Necrolysis <i>Emily Witsberger, MD</i>	
	9:11 AM - 9:21 AM	Management of Limbal Stem Cell Deficiency <i>Mahmood Showail, MD, FRCSC</i>	
	9:21 AM - 9:31 AM	Other Ocular Surface Diseases and Summary - <i>Asim Ali, MD, FRCSC</i>	
	9:31 AM - 9:45 AM	Discussion	
9:00 AM - 10:00 AM	Skill Lab: CTAK Presented by CorneaGen		River Birch A
10:00 AM - 10:30 AM	Opening Session: Lindstrom Corneal Surgical Innovation Lecture Rejuvenation of the Corneal Endothelium - <i>Shigeru Kinoshita, MD, PhD</i>		Potomac 1/2
10:30 AM - 11:00 AM	Refreshment Break in Exhibit Hall and Virtual Theater		Potomac 3 / Anacostia F
11:00 AM - 12:00 PM	Skill Lab: CAIRS Presented by Lions World Vision Institute		River Birch B
11:00 AM - 12:00 PM	Skill Lab: CTAK Presented by CorneaGen		River Birch A
11:00 AM - 12:30 PM	Symposium: DALK: Alternative Approaches and Indications CME Moderators: <i>Anthony Aldave, MD; Vincenzo Sarnicola, MD</i>		Potomac 1/2
	11:00 AM - 11:02 AM	Introduction	
	11:02 AM - 11:10 AM	Technique: Peeling Off - <i>Caterina Sarnicola, MD</i>	
	11:10 AM - 11:18 AM	Technique: Femtosecond Laser-assisted DALK <i>Luca Buzzonetti, MD</i>	
	11:18 AM - 11:26 AM	Technique for Repair of Intra-operative Ruptures - <i>Sadeer Hannush, MD</i>	
	11:26 AM - 11:42 AM	Discussion	
	11:42 AM - 11:50 AM	DALK in Descemetocoele - <i>Clara Chan, MD, FRCS</i>	
	11:50 AM - 11:58 AM	DALK in Keratoconus with Previous Hydrops - <i>Maria Henriquez, PhD, MSc</i>	
	11:58 AM - 12:06 PM	DALK in Keratoglobus - <i>Vishal Jhanji, MD</i>	
	12:06 PM - 12:14 PM	DALK in Post Keratoplasty Recurrent Ectasia <i>James Myerscough, BM, MSc, FRCOphth</i>	
	12:14 PM - 12:30 PM	Discussion	
11:00 AM - 12:30 PM	Symposium: NK Symposium CME Moderators: <i>Jennifer Li, MD; Sophie Deng, MD, PhD</i>		Rock Creek A
	11:00 AM - 11:02 AM	Introduction	
	11:02 AM - 11:11 AM	Corneal Innervation and Sensation: Pathophysiology and Etiology of NK <i>Gerami Seitzman, MD</i>	
	11:11 AM - 11:19 AM	Hitting a Nerve: How to Diagnose NK - <i>Mina Massaro-Giordano, MD</i>	
	11:19 AM - 11:27 AM	Nurturing Nerves: Medical Treatment Options for NK <i>Béatrice Cochener-Lamard, MD, PhD, FEBO</i>	
	11:27 AM - 11:35 AM	Cutting-edge Surgery for NK: Neurotization - <i>Asim Ali, MD, FRCSC</i>	



Friday, March 21

11:35 AM - 11:43 AM	Emerging Therapies for NK: Future Drug Development and Unconventional Treatments - <i>Christina Prescott, MD, PhD</i>
11:43 AM - 11:51 AM	Discussion
11:51 AM - 11:59 AM	A Case of NK and Severe Exposure - <i>Vatinee Bunya, MD, MSCE</i>
11:59 AM - 12:07 PM	A Case of NK and HSV Geographic Ulcer - <i>Uri Soiberman, MD</i>
12:07 PM - 12:15 PM	A Case of NK and CNV Pathology (Agenesis or Tumor or Injury) <i>Simon Fung, MD, MA, FRCOphth</i>
12:15 PM - 12:30 PM	Discussion

11:00 AM - 12:30 PM Course: Tough Cornea, Tougher Cataract - Pearls for Surgical and Postoperative Management Rock Creek B
Course Organizer: *Nambi Nallasamy, MD*

11:00 AM - 11:02 AM	Introduction
11:02 AM - 11:13 AM	Consultation and Preoperative Planning Pearls - <i>Angela Verkade, MD</i>
11:13 AM - 11:24 AM	Performing IOL Power Calculations in Eyes with Abnormal Cornea <i>Megan Tuohy, MD</i>
11:24 AM - 11:35 AM	Incision Planning/Management - <i>Stephen Armenti, MD, PhD</i>
11:35 AM - 11:46 AM	Discussion
11:46 AM - 11:57 AM	Techniques - <i>Jenny Enright, MD, PhD</i>
11:57 AM - 12:08 PM	Techniques - <i>Nambi Nallasamy, MD</i>
12:08 PM - 12:19 PM	Techniques - <i>Shahzad Mian, MD</i>
12:19 PM - 12:30 PM	Discussion

11:00 AM - 12:30 PM Paper Session 1 Rock Creek C
Moderators: *Joshua H. Hou, MD; Yu-Chi Liu, MD*

11:00 AM - 11:02 AM	Introduction
11:02 AM - 11:08 AM	Gender Differences in Vernal Keratoconjunctivitis Presentation Across Ages: A Comparative Study - <i>Shweta Agarwal, MS</i>
11:10 AM - 11:16 AM	Neuropathic Corneal Pain Following Refractive Surgery: Risk Factors, Clinical Manifestations, Imaging, and Proteomic Cha - <i>Yu-Chi Liu, MD</i>
11:18 AM - 11:24 AM	Visual Outcomes of Nerve Growth Factor Treatment in Neurotrophic Keratopathy: An IRIS® Registry Study - <i>Jia Yin, MD, PhD, MPH</i>
11:26 AM - 11:32 AM	Long-Term Corneal Epithelial Restoration After Autologous Simple Limbal Epithelial Transplantation - <i>Swapna Shanbhag, MBBS, MS</i>
11:34 AM - 11:40 AM	Descemet's Membrane Anterior Keratoplasty (DMAK) for Treatment of Limbal Stem Cell Deficiency (LSCD) in Congenital Anirid - <i>Joshua H. Hou, MD</i>
11:42 AM - 11:48 AM	Treatment of Neurotrophic Keratopathy with Corneal Neurotization and Topical Cenergermin: One Year Outcomes Results - <i>Ali Khodor</i>
11:50 AM - 11:56 AM	Evaluation of Limbal Microstructure in Early Vernal Keratoconjunctivitis Patients Using SD-OCT - <i>Sridevi Nair, MD</i>
11:58 AM - 12:04 PM	Demographics and Clinical Profile of Allergic Eye Disease in Adulthood: Comparing Adult and Childhood-Onset Allergies - <i>Pragnya Donthineni, MD</i>
12:06 PM - 12:12 PM	Phenotypic Analysis of Neuropathic Corneal Pain Demonstrates Six Differential Clusters Using Clinical Variables - <i>Chloe Bogen</i>



Friday, March 21

12:14 PM - 12:20 PM Counteracting Corneal Scarring with Extracellular Vesicles from Corneal Stromal Stem Cells - *John Lee, MD*

12:22 PM - 12:28 PM Vision Changes in Pediatric Burn Patients - *Qais Dihan, BS*

12:28 PM - 12:30 PM Discussion

12:00 PM - 1:00 PM Skill Lab: CTAK River Birch A
Presented by CorneaGen

12:30 PM - 1:30 PM Industry Theater - STAAR Surgical (Lunch Event) Anacostia DE
Presented by STAAR Surgical

12:30 PM - 2:00 PM Lunch on Own / Exhibits and Virtual Theater Open Potomac 3 / Anacostia F

1:00 PM - 2:00 PM Skill Lab: CTAK River Birch A
Presented by CorneaGen

1:00 PM - 3:30 PM Skill Lab: TransplantREADY Endo-In DMEK, DMEK, DSAEK River Birch B
Presented by Lions World Vision Institute

2:00 PM - 3:00 PM Skill Lab: CTAK River Birch A
Presented by CorneaGen

2:00 PM - 3:30 PM Symposium: End Stage Cornea: Now What? CME Potomac 1/2
Moderators: *Maria Cartina, MD; Sophie Deng, MD, PhD*

2:00 PM - 2:02 PM Introduction

2:02 PM - 2:08 PM Update in the Diagnosis of Limbal Stem Cell Deficiency
Clemence Bonnet, MD, PhD

2:08 PM - 2:14 PM OSST is the Way To Go - *Albert Cheung, MD*

2:14 PM - 2:20 PM Cultivated LSCT is Better - *Graziella Pellegrini, PhD*

2:20 PM - 2:26 PM COMET is Best - *Chie Sotozono, MD, PhD*

2:26 PM - 2:32 PM Only KPRO Works - *Mona Harissi-Dagher, MD, FRCS*

2:32 PM - 2:38 PM A Look into the Future - *Stephen Pflugfelder, MD*

2:38 PM - 2:44 PM Discussion

2:44 PM - 2:50 PM Tackling Multiple Endothelial Failures in Glaucoma Patients
Marianne Price, PhD, MBA

2:50 PM - 2:56 PM Immunologically High-Risk Graft: Tips for Increased Survival
Alfonso Sabater, MD, PhD

2:56 PM - 3:02 PM Discussion

3:02 PM - 3:08 PM Type 2 KPRO / OOKP - *Bhaskar Srinivasan, MBBS, MS*

3:08 PM - 3:14 PM Artificial Endothelial Layer - *Ofer Daphna, MD*

3:14 PM - 3:30 PM Discussion

2:00 PM - 3:30 PM Symposium: WCC Complex Anterior Segment Reconstruction CME Rock Creek A
Moderators: *Julie Schallhorn, MD; Brian Shafer, MD*

2:00 PM - 2:02 PM Introduction

2:02 PM - 2:08 PM Iris Trauma: Tonic Pupils, Iridodialysis, and TIDs - *Mitchell Weikert, MD, MS*

2:08 PM - 2:14 PM Penetrating Eye Trauma with Ruptured Anterior Lens Capsule
Christopher Rapuano, MD

2:14 PM - 2:20 PM ACIOL with Corneal Decompensation - *Gregory Ogawa, MD*



Friday, March 21

2:20 PM - 2:31 PM	Discussion
2:31 PM - 2:37 PM	Dislocated Crystalline Lens - <i>Brandon Ayres, MD</i>
2:37 PM - 2:43 PM	Dislocated IOL: Refixation or Replace - <i>Brian Kim, MD</i>
2:43 PM - 2:49 PM	Iris-Fixation: A Recipe for UGH? - <i>Nicole Lemanski, MD</i>
2:49 PM - 3:00 PM	Discussion
3:00 PM - 3:06 PM	Management of Aphakia + Aniridia - <i>Denise Loya-Garcia, MD, PhD</i>
3:06 PM - 3:12 PM	AC Tube with PBK: Trim or Reposition - <i>Shahzad Mian, MD</i>
3:12 PM - 3:18 PM	Scleral Fixation Woes: Rotisserie, Opacification, Suture Erosion <i>Steven Safran, MD</i>
3:18 PM - 3:30 PM	Discussion

2:00 PM - 3:30 PM Course: What's New in the Surgical Treatment of Keratoconus Rock Creek B
Course Organizer: *Uri Soiberman, MD*

2:00 PM - 2:02 PM	Introduction
2:02 PM - 2:12 PM	Intracorneal Implants: Who Would Benefit the Most? <i>Soosan Jacob, MS, FRCS</i>
2:12 PM - 2:22 PM	Novel Crosslinking Protocols for Keratoconus <i>Emilio Torres-Netto, MD, PhD, FWCRS</i>
2:22 PM - 2:32 PM	Combined Refractive Procedures and Crosslinking - <i>Samir Jabbour, MD</i>
2:32 PM - 2:46 PM	Discussion
2:46 PM - 2:56 PM	Corneal Transplant: What is the Role of Bowman's Layer Inlays and Onlays? <i>Viridiana Kocaba, MD, PhD</i>
2:56 PM - 3:06 PM	Corneal Transplant: Deep Anterior Lamellar Keratoplasty, When and How <i>Uri Soiberman, MD</i>
3:06 PM - 3:16 PM	Corneal Transplant: Manual Dissection DALK; How to Rescue a Perforated DALK - <i>Caterina Sarnicola, MD</i>
3:16 PM - 3:30 PM	Discussion

2:00 PM - 3:30 PM Paper Session 2 Rock Creek C
Moderators: *David Harris Jr, MD; Steven Wiffen, FRANZCO*

2:00 PM - 2:02 PM	Introduction
2:02 PM - 2:08 PM	Outcomes of the Lucia Keratoprosthesis in Severe Corneal Disease: A 12-month Study - <i>Gustavo Ortiz-Morales, MD</i>
2:10 PM - 2:16 PM	Randomized, Placebo-Controlled, Double-Masked Phase 3 Studies of 0.75% Phentolamine Ophthalmic Solution in Keratorefractive Patients with Dim Light Disturbances and Decreased Mesopic Vision <i>Jay Pepose, MD, PhD</i>
2:18 PM - 2:24 PM	Long Term Outcome of Amniotic Membrane – Umbilical Cord Patch Grafting in Descemetocoele and Corneal Perforation <i>Ashis Majumdar, MS, MBBS</i>
2:26 PM - 2:32 PM	Diabetes Endothelial Keratoplasty Study (DEKS): Methods and Impact on the Use of Diabetic Donors for DMEK - <i>Jonathan Lass, MD</i>
2:34 PM - 2:40 PM	Rejection Prevention and Treatment in Descemet Membrane Endothelial Keratoplasty (DMEK): A European Survey - <i>Mor Dickman, MD, PhD</i>



Friday, March 21

	2:42 PM - 2:48 PM	Characteristics and Outcomes of DMEK for Failed Endothelial Keratoplasty <i>Luis Valdés, MD</i>	
	2:50 PM - 2:56 PM	Endothelial Cell Density After Steroid Response in Participants Undergoing Descemet Membrane Endothelial Keratoplasty <i>Daniel Zander, MSc</i>	
	2:58 PM - 3:04 PM	Benefits of Changing from Cold Storage to Organ Culture Preservation of Corneas at Lions Eye Bank of Western Australia - <i>Steven Wiffen, FRANZCO</i>	
	3:06 PM - 3:12 PM	Long-term Stability of Astigmatism Reduction by Toric Intraocular Lenses in Eyes with Corneal Transplants - <i>David Harris, Jr., MD</i>	
	3:14 PM - 3:20 PM	AS-OCT Analysis of Artificial Endothelial Layer (Endoart) Implantation: Two-Years Experience - <i>Luigi Fontana, MD, PhD</i>	
	3:22 PM - 3:28 PM	Trans-PRK to Treat High Order Aberrations in Stable Keratoconus Having the Ablation Decentration in Coma Axis - <i>Luis Izquierdo Jr, MD, PhD</i>	
	3:28 PM - 3:30 PM	Discussion	
3:00 PM - 4:00 PM	Skill Lab: CTAK Presented by CorneaGen		River Birch A
3:30 PM - 4:00 PM	Refreshment Break in Exhibit Hall and Virtual Theater		Potomac 3 / Anacostia F
4:00 PM - 5:00 PM	Skill Lab: CAIRS Presented by Lions World Vision Institute		River Birch B
4:00 PM - 5:30 PM	Symposium: Tumors: Don't Miss These! CME Moderators: <i>Jennifer Li, MD; Jennifer Rose-Nussbaumer, MD</i>		Potomac 1/2
	4:00 PM - 4:02 PM	Introduction	
	4:02 PM - 4:12 PM	Novel Diagnostics: Is NGS the Answer? - <i>Afshan Nanji, MD, MPH</i>	
	4:12 PM - 4:22 PM	Innovations in OSSN Treatment: What's on the Horizon? - <i>Carol Karp, MD</i>	
	4:22 PM - 4:32 PM	Iris Tumors Demystified: Diagnosis and Treatment - <i>Sara Lally, MD</i>	
	4:32 PM - 4:42 PM	Rare but Lethal: Understanding Conjunctival Melanoma and Emerging Therapies, Are There Alternatives to Excision for Conjunctival Melanoma? <i>Carol Shields, MD</i>	
	4:42 PM - 4:52 PM	Presentations of Ocular Lymphoma in the Anterior Segment <i>Natalie Afshari, MD, FACS</i>	
	4:52 PM - 5:02 PM	Tumor is the Rumor: Interesting Diagnostic Dilemmas - <i>Divya Srikumaran, MD</i>	
	5:02 PM - 5:30 PM	Discussion	
4:00 PM - 5:30 PM	Symposium: Inflammatory Diseases of the Anterior Segment CME Moderators: <i>Maria Cortina, MD; José Gomes, MD, PhD</i>		Rock Creek A
	4:00 PM - 4:02 PM	Introduction	
	4:02 PM - 4:08 PM	Chemical Injury - Role of TNF Alfa in Anterior Segment Trauma <i>Eleftherios Paschalis Ilios, PhD</i>	
	4:08 PM - 4:14 PM	Chemical Injury - New insights in the Management of Acute Chemical Injury <i>Geetha Iyer, MBBS, DO, FRCS(Glasg), FRCS(Ed), FRCOphth</i>	
	4:14 PM - 4:20 PM	Ocular Allergic Diseases - Surgical Therapy (Shield Ulcer, MMG, AMT, Eyelid Surgery) - <i>Kimberly Sippel, MD</i>	
	4:20 PM - 4:29 PM	Discussion	



Friday, March 21

4:29 PM - 4:35 PM	Crossing the Limits of SJS and TEN - Physiopathology: What Have We Learned? - <i>Mayumi Ueta, PhD, MD</i>
4:35 PM - 4:41 PM	Crossing the Limits of SJS and TEN-New Strategies for Visual Rehabilitation in Chronic Disease - <i>Hajirah Saeed, MD, MPH</i>
4:41 PM - 4:47 PM	Update on Ocular GVHD - Can Chronic Sequelae Be Prevented? <i>Stella Kim, MD</i>
4:47 PM - 4:53 PM	Update on Ocular GVHD - Blood Derived Products in the Treatment of oGVHD - <i>Jesus Merayo Lloves, MD</i>
4:53 PM - 5:02 PM	Discussion
5:02 PM - 5:08 PM	Ocular Mucus Membrane Pemphigoid Dilemmas - Conjunctival Biopsy Pros and Cons - <i>Sajjad Ahmad, MB BS, FRCOphth, PhD</i>
5:08 PM - 5:14 PM	Ocular Mucus Membrane Pemphigoid Dilemmas - Topical and Systemic Therapy Step Ladder Approach - <i>Darren Gregory, MD</i>
5:14 PM - 5:20 PM	Understanding, Preventing and Treating Corneal Graft Rejection <i>Reza Dana, MD, MSc, MPH</i>
5:20 PM - 5:30 PM	Discussion

4:00 PM - 5:30 PM Course: Ocular Surface Disease: Medical Optimization and Surgical Interventions Rock Creek B
Course Organizer: *Clara Chan, MD, FRCS*

4:00 PM - 4:05 PM	Introduction
4:05 PM - 4:15 PM	Medical Toolkit to Optimize the Ocular Surface: Review of Lid Margin Treatments, Blood Products, In-Office Therapies, and Scleral Lenses <i>Marcela Huertas Bello, MD</i>
4:15 PM - 4:25 PM	Cataract Surgery in Patients with Ocular Surface Disease <i>Allan Slomovic, MSc, MD, FRCS</i>
4:25 PM - 4:30 PM	Discussion
4:30 PM - 4:40 PM	Medical and Surgical Management of Neurotrophic Corneal Disease <i>Mor Bareket, MD</i>
4:40 PM - 4:45 PM	Discussion
4:45 PM - 4:55 PM	Medical and Surgical Management of Contact Lens Related Limbal Stem Cell Deficiency - <i>Clara Chan, MD, FRCS</i>
4:55 PM - 5:05 PM	Surgical Management of Ocular Surface Disorders: Artificial Cornea Options and Future Directions - <i>Clara Chan, MD, FRCS</i>
5:05 PM - 5:10 PM	Discussion
5:10 PM - 5:20 PM	Toxic Soup Conjunctivitis - <i>Manokamna Agarwal, MD</i>
5:20 PM - 5:30 PM	Surgical Strategies for Tackling Deep Corneal Neovascularization <i>Josh Teichman, MD</i>

4:00 PM - 5:30 PM Paper Session 3 Rock Creek C
Moderators: *Luigi Fontana, MD, PhD; Sotiria Palioura, MD, PhD*

4:00 PM - 4:02 PM	Introduction
4:02 PM - 4:08 PM	How Much of What You "Know" About Keratoconus and Crosslinking is Wrong? - <i>Roy Rubinfeld, MD, MA</i>



Friday, March 21

4:10 PM - 4:16 PM	EPION Therapeutics Phase 3 FDA Trial on Epi-On CXL for Keratoconus <i>Michael Belin, MD</i>
4:18 PM - 4:24 PM	One-year Clinical Experience With ELZA-PACE (Second-Generation Customized CXL) for Improving Vision in Keratoconus <i>Farhad Hafezi, MD, PhD, FARVO</i>
4:26 PM - 4:32 PM	Corneal Tissue Addition Keratoplasty (CTAK) for Keratoconus <i>Steven Greenstein, MD</i>
4:34 PM - 4:40 PM	A Comparative Analysis of Long-Term Outcome of DALK in Pediatric and Adult Keratoconus - <i>Revathi Rajaraman, MS</i>
4:42 PM - 4:48 PM	Bowman Layer Transplantation With Stromal Inclusion Using Femtosecond Laser - <i>Ana Mercedes Garcia Albisua, MD</i>
4:50 PM - 4:56 PM	Comparative Study of Long-Term Efficacy of Collagen Crosslinking in Keratoconus in VKC (Vernal Conjunctivitis) & Non-VKC <i>Devi Rosette Raja, MS</i>
4:58 PM - 5:04 PM	Crosslinking for Corneal Neovascularization - <i>Francis Price, MD</i>
5:06 PM - 5:12 PM	Association of Social Determinants of Health with Receipt of Crosslinking in a Large Multicentered Keratoconus Cohort - <i>Muhammad Ali, MBBS</i>
5:12 PM - 5:30 PM	Discussion

5:30 PM - 7:30 PM	Opening Reception	Potomac and Anacostia Foyer
7:30 PM - 9:00 PM	CSU Reception This Cornea Society University event is by invitation only	Anacostia DE

Saturday, March 22

6:30 AM - 5:00 PM	Registration	Potomac Foyer
7:00 AM - 8:00 AM	Industry Theater - Dompé (Breakfast Event) Presented by Dompé	Anacostia DE
7:00 AM - 8:30 AM	Breakfast	Anacostia F / Potomac 3
7:00 AM - 5:00 PM	Electronic Posters	Anacostia F
7:00 AM - 5:00 PM	Exhibit Hall	Potomac 3
8:30 AM - 10:00 AM	Symposium: Refractive Surgery CME Moderators: <i>Jodhbir Mehta, BSc, MBBS PhD, FRCS(Ed), FRCOphth, FAMS, FARVO;</i> <i>Julie Schallhorn, MD</i>	Potomac 1/2
8:30 AM - 8:32 AM	Introduction	
8:32 AM - 8:41 AM	Corneal Reshaping Prior to Lens Surgery - <i>Sonia Yoo, MD</i>	
8:41 AM - 8:50 AM	Non-Corneal Presbyopic Treatments - <i>Helen Wu, MD</i>	
8:50 AM - 8:59 AM	Dealing with High Astigmatism After Keratoplasty <i>Karolinne Rocha, MD, PhD</i>	
8:59 AM - 9:08 AM	Toric IOLS in KC - <i>John Kanellopoulos, MD</i>	
9:08 AM - 9:17 AM	Phakic IOLs: Pearls for Great Outcomes - <i>Arturo Ramirez-Miranda, MD, PhD</i>	



Saturday, March 22

9:17 AM - 9:26 AM	LASIK and PRK: My Top Pearls - <i>Roberto Pineda, MD</i>
9:26 AM - 9:35 AM	Scleral Modification for Presbyopia: Laser or Expanders <i>Mitchell A. Jackson, MD</i>
9:35 AM - 9:44 AM	Refractive Cataract Surgery in Patients with Corneal Pathology/Previous Refractive Surgery - <i>Drew Salisbury, MD</i>
9:44 AM - 10:00 AM	Discussion

8:30 AM - 10:00 AM Symposium: CSU: What's Hot Today CME Rock Creek A
Moderators: *Brian Shafer, MD; Zeba Syed, MD*

8:30 AM - 8:32 AM	Introduction
8:32 AM - 8:39 AM	Strategies to Reduce Corneal Fibrosis/Scarring - <i>Steven Wilson, MD, MS</i>
8:39 AM - 8:46 AM	Injected Endothelial Cells - <i>Jorge Valdez, MD, PhD</i>
8:46 AM - 8:53 AM	The Role of Imaging in Fuchs Prognosis - <i>Sanjay Patel, MD, FRCOphth</i>
8:53 AM - 9:00 AM	Surgical Innovation in Dry Eye Disease: Salivary Gland Transplant <i>Guillermo Amescua, MD</i>
9:00 AM - 9:07 AM	Medical Innovation in Dry Eye Disease (including Topical Insulin) <i>Anat Galor, MD, MSPH</i>
9:07 AM - 9:16 AM	Discussion
9:16 AM - 9:23 AM	Developments in Diagnosis/Treatment of Infectious Keratitis <i>Denise Freitas, MD, PhD</i>
9:23 AM - 9:30 AM	Intracameral Enoxaparin for Keratoplasty - <i>Rahul Tonk, MD, MBA</i>
9:30 AM - 9:37 AM	EVO ICL in Keratoconus - <i>William Trattler, MD</i>
9:37 AM - 9:44 AM	Premium IOLs in Corneal Disease - <i>Nandini Venkateswaran, MD</i>
9:44 AM - 9:51 AM	Prosthetic Iris - <i>Marisa Schoen, MD</i>
9:51 AM - 10:00 AM	Discussion

8:30 AM - 10:00 AM Course: Keratitis - Different Strokes: Lessons Learnt from the Indian Experience Rock Creek B
Course Organizer: *Vanathi Murugesan, MBBS, MD*

8:30 AM - 8:32 AM	Introduction
8:32 AM - 8:40 AM	Changing Trends in Fungal Keratitis & Lessons Learnt with MUTT <i>Revathi Rajaraman, MS</i>
8:40 AM - 8:48 AM	Controversies in Acanthamoeba Keratitis - <i>Ritu Arora, MD, FRCOph</i>
8:48 AM - 8:56 AM	Discussion
8:56 AM - 9:04 AM	Management Strategies in Fungal and Recalcitrant Keratitis <i>Namrata Sharma, MD, FRCOphth, FRCSEd</i>
9:04 AM - 9:12 AM	Polymicrobial Keratitis Lessons Learnt - <i>Anita Raghavan, MS</i>
9:12 AM - 9:20 AM	Questions in Pythium Keratitis, Post Collagen Crosslinking Keratitis, <i>Shweta Agarwal, MS</i>
9:20 AM - 9:28 AM	Microsporidial Keratitis <i>Sujata Das, MD, FRCS (Glasg.), AMPH, DSc (h.c.), FAICO (Cornea)</i>
9:28 AM - 9:36 AM	Questions in Post Refractive Surgery, Post-keratoplasty and MRSA & Gram Negative Bacterial Infections - <i>Sunita Chaurasia, MD</i>



Saturday, March 22

9:36 AM - 9:44 AM	Pediatric Keratitis - <i>Muralidhar Ramappa, MD</i>
9:44 AM - 9:52 AM	Strategies in Therapeutic Keratoplasty - <i>Vanathi Murugesan, MBBS, MD</i>
9:52 AM - 10:00 AM	Role of Imaging in Keratitis - <i>Somasheila Murthy, MS</i>

8:30 AM - 10:00 AM Paper Session 4 Rock Creek C
Moderators: *Meena Lakshmiopathy, MD; David Warner, MD*

8:30 AM - 8:32 AM	Introduction
8:32 AM - 8:38 AM	The Zoster Eye Disease Study: Randomized Trial of Low-dose Valacyclovir for Post-herpetic Neuralgia - <i>David Warner, MD</i>
8:40 AM - 8:46 AM	Role of Suppressive Dose of Valacyclovir in Management of Herpes Zoster Ophthalmicus: Results of the Zoster Eye Disease - <i>Bennie Jeng, MD</i>
8:48 AM - 8:54 AM	Efficacy of Combined Intrastromal Injection of Voriconazole and Amphotericin B in Recalcitrant Fungal Keratitis - <i>Antonio Moramarco, MD</i>
8:56 AM - 9:02 AM	Stromal Keratitis in the Zoster Eye Disease Study (ZEDS): Treatment and Outcomes - <i>Deborah Jacobs, MD</i>
9:04 AM - 9:10 AM	Automated Detection of Filamentous Fungal Keratitis on Whole Slide Images of Potassium Hydroxide Smears Using AI - <i>Jad F. Assaf, MD</i>
9:12 AM - 9:18 AM	Clinical Features Associated with Vision Outcomes in Microbial Keratitis – a Multisite Prospective Cohort Study - <i>Maria Woodward, MD, MSc</i>
9:20 AM - 9:26 AM	AI Revolution in Mitigating Health Disparities: Precise Diagnosis and Subtype Differentiation of Microbial Keratitis - <i>Mohammad Soleimani, MD</i>
9:28 AM - 9:34 AM	Antibiotic Resistance of Pseudomonas Aeruginosa Corneal Isolates Over 8 Yrs from a Tertiary Eye Care Hospital - <i>Meena Lakshmiopathy, MD</i>
9:36 AM - 9:42 AM	Treatment Modalities for Herpetic Stromal Necrotizing Keratitis <i>Mariam Ghazaryan, MD</i>
9:44 AM - 9:50 AM	Clinical Spectrum of Pediatric Herpes Simplex Keratitis: A Big Data Study <i>Tanmay Gokhale, MBBS, MS</i>
9:50 AM - 10:00 AM	Discussion

8:30 AM - 10:00 AM Skill Lab: CAIRS River Birch B
Presented by Lions World Vision Institute

10:00 AM - 10:30 AM Refreshment Break in Exhibit Hall and Virtual Theater Potomac 3 / Anacostia F

10:30 AM - 12:00 PM Symposium: Ectasia Management Potomac 1/2 **GME**
Moderators: *Zeba Syed, MD; Maria Woodward, MD, MSc*

10:30 AM - 10:32 AM	Introduction
10:32 AM - 10:38 AM	Genetics - KCN - <i>Sumayya Ahmad, MD</i>
10:38 AM - 10:44 AM	Sensory - Itch-Rub Cycle - Itching - <i>Damien Gatinel, MD, PhD</i>
10:44 AM - 10:50 AM	Predictive AI for Ectasia - <i>Pooja Khamar, MS, FCRS, PhD</i>
10:50 AM - 11:04 AM	Discussion
11:04 AM - 11:10 AM	Corneal Biomechanics - Elasticity / Strain - <i>William BJ Dupps, MD, PhD</i>
11:10 AM - 11:16 AM	Contact Lens Management of Ectatic Disorders - <i>Deborah Jacobs, MD</i>
11:16 AM - 11:22 AM	CXL: Epi On - <i>Parag Majmudar, MD</i>
11:22 AM - 11:28 AM	Global CXL - <i>Farhad Hafezi, MD, PhD, FARVO</i>



Saturday, March 22

11:28 AM - 11:36 AM	Discussion
11:36 AM - 11:42 AM	Bowman Layer Transplant - <i>Lamis Baydoun, MD, PhD</i>
11:42 AM - 11:48 AM	Surgical Management of Hydrops - <i>Andrea Blitzer, MD</i>
11:48 AM - 11:54 AM	CAIRS - <i>Soosan Jacob, MS, FRCS</i>
11:54 AM - 12:00 PM	Discussion

10:30 AM - 12:00 PM Symposium: Ocular Surface Disease CME Rock Creek A
Moderators: *Maria Cortina, MD; José Gomes, MD, PhD*

10:30 AM - 10:32 AM	Introduction
10:32 AM - 10:38 AM	Blepharitis - MGD - Controversies in Diagnosis of MG - <i>Richard Davidson, MD</i>
10:38 AM - 10:44 AM	Blepharitis - MGD - Medical Treatment, What Really Works <i>Ruth Santo, MD, PhD</i>
10:44 AM - 10:50 AM	Blepharitis - MGD - New Technologies in the Treatment of MG <i>Daniel Scorsetti, MD, PhD</i>
10:50 AM - 10:59 AM	Discussion
10:59 AM - 11:05 AM	Dry Eye Disease - Role of Microbiome in Ocular Surface Disease <i>Cintia de Paiva, MD, PhD</i>
11:05 AM - 11:11 AM	Dry Eye Disease - Dilemmas in Diagnosis: What Must Be Included in the Evaluation of a Dry Eye Patient - <i>Maria Ximena Nunez, MD</i>
11:11 AM - 11:17 AM	Dry Eye Disease - New Pharmacological Therapies for Dry Eye Disease <i>Victor Perez, MD</i>
11:17 AM - 11:26 AM	Discussion
11:26 AM - 11:32 AM	Pterygium - Prevention: Is It Possible? - <i>Minas Coroneo, MD, MS, MSc, FRACS</i>
11:32 AM - 11:38 AM	Pterygium - Pearls in the Surgical Management of Pterygium <i>Ernesto Otero, MD</i>
11:38 AM - 11:44 AM	Toxic Injuries of the Ocular Surface: Management Strategies in 2025 <i>Enrique Graue-Hernández, MD</i>
11:44 AM - 11:50 AM	Management of Persistent Epithelial Defect - <i>Jose de la Cruz, MD</i>
11:50 AM - 12:00 PM	Discussion

10:30 AM - 12:00 PM Course: Revolutionizing Therapy for Corneal Endothelial Dysfunction: From Descemet's Stripping Only to Cell Therapy Rock Creek B
Course Organizer: *Ula Jurkunas, MD*

10:30 AM - 10:32 AM	Introduction
10:32 AM - 10:42 AM	CHCEC-Transplantation Therapy: Current Status and Future Prospects <i>Shigeru Kinoshita, MD, PhD</i>
10:42 AM - 10:52 AM	Simple Non-cultured Endothelial Cell injection <i>Jodhbir Mehta, BSc, MBBS PhD, FRCS(Ed), FRCOphth, FAMS, FARVO</i>
10:52 AM - 11:02 AM	Tissue Engineered Endothelial Cells - <i>Albert Jun, MD</i>
11:02 AM - 11:16 AM	Discussion
11:16 AM - 11:26 AM	Pharmacomodulation of CECs, Regenerative Medicine Options for the Treatment of Corneal Endothelial Dysfunctions - <i>Viridiana Kocaba, MD, PhD</i>
11:26 AM - 11:36 AM	Ex Vivo Model for DSO - <i>Mohit Parekh, PhD</i>



Saturday, March 22

11:36 AM - 11:46 AM DSO - Picking Winners: Selection and Execution Tips
Kathryn Colby, MD, PhD

11:46 AM - 12:00 PM Discussion

10:30 AM - 12:00 PM

Paper Session 5

Rock Creek C

Moderators: *Joanne Shen, MD; Pravin Vaddavalli, MB, BS*

10:30 AM - 10:32 AM Introduction

10:32 AM - 10:38 AM Comparison of Intrastromal Keratoplasty using Biosynthetic Corneas and Human Donor Corneas in Advanced Keratoconus
Namrata Sharma, MD, FRCOphth, FRCSEd

10:40 AM - 10:46 AM Improvement in Corneal Shape (Q Value) in Keratoconus Following Sutureless Keratoplasty - *Fetih Furkan Arslan, MD*

10:48 AM - 10:54 AM Comparative Analysis of Deep Anterior Lamellar Keratoplasty versus Contact Lens in Adults with Advanced Keratoconus
Divya Nachammai, MBBS, DipNB

10:56 AM - 11:02 AM Five-Year Efficacy of Intrastromal Progenitor Cell and Telocyte Implantation in Advanced Keratoconus - *Faruk Semiz, MD*

11:04 AM - 11:10 AM Impact of Pre-operative and Donor Factors on the Rate of Corneal Graft Clearance: Insights from Serial AS-OCT Imaging
Stylianios Christodoulou, MD, MSc

11:12 AM - 11:18 AM Pediatric Corneal Transplants: A Review of 21 Years
Ashok Sharma, MBBS, MS

11:20 AM - 11:26 AM Single-Institution, 15-Year Retrospective Case-Control Study of Risk Factors for Allograft Failure in DMEK, DSAEK, and PK - *Simran Sarin, BA*

11:28 AM - 11:34 AM Novel DMEK Trephine Improves Graft Preparation Time and Quality: Clinical Outcomes from the "Number 7" EK Trephine
Chameen Samarawickrama, MBBS, PhD, FRANZCO

11:36 AM - 11:42 AM Outcomes of Endothelial Keratoplasty For Corneal Transplantation Failure
Promporn Patarajierapun, MD

11:44 AM - 11:50 AM Late Graft Failure after Descemet Membrane Endothelial Keratoplasty (DMEK): Ultramorphology of the Explanted Grafts
Theofilos Tourtas, MD, FEBO

11:52 AM - 11:58 AM Machine Learning Model to Predict Follow-up Compliance and Graft Outcomes in Patients Undergoing Keratoplasty - *Pravin Vaddavalli, MBBS*

11:00 AM - 3:00 PM

Skill Lab: TransplantREADY Endo-In DMEK, DMEK, DSAEK
Presented by Lions World Vision Institute

River Birch B

12:00 PM - 1:30 PM

Lunch on Own / Exhibits and Virtual Theater Open

Potomac 3 / Anacostia F

1:30 PM - 3:00 PM

Symposium: Infection Symposium **CME**

Potomac 1/2

Moderators: *Sophie Deng, MD, PhD; Luis Izquierdo Jr, MD, PhD*

1:30 PM - 1:32 PM Introduction

1:32 PM - 1:37 PM Corneal Imaging vs Culture: Which and When for Diagnosing Infectious Keratitis - *Elmer Tu, MD*

1:37 PM - 1:42 PM Using PCR to Diagnose Infectious Keratitis - *Dean Ouano, MD*

1:42 PM - 1:47 PM The Utility of AI in the Diagnosis of Corneal Infection
James Chodosh, MD, MPH



Saturday, March 22

1:47 PM - 1:52 PM	Is Metagenomic Deep Sequencing Ready for Prime Time for Identifying Corneal Pathogens? - <i>Thuy Doan, MD, PhD</i>
1:52 PM - 2:01 PM	Discussion
2:01 PM - 2:06 PM	Challenges and Advances in the Management of Parasitic Keratitis <i>Vishal Jhanji, MD</i>
2:06 PM - 2:11 PM	Dots on the Endothelium: Inflammation or Viral Endotheliitis <i>Thomas Dohlman, MD</i>
2:11 PM - 2:16 PM	Diagnosis and Management Fungal Keratitis - <i>Venkatesh Prajna, FRCOphth</i>
2:16 PM - 2:21 PM	Management of Zoster Keratitis - <i>Elisabeth Cohen, MD</i>
2:21 PM - 2:30 PM	Discussion
2:30 PM - 2:35 PM	Timing and Techniques of Surgical Intervention for Infectious Keratitis <i>Namrata Sharma, MD, FRCOphth, FRCSEd</i>
2:35 PM - 2:40 PM	Microbial Resistance: What Can We Do To Prevent It? <i>Takashi Suzuki, MD, PhD</i>
2:40 PM - 2:45 PM	HSV Keratitis: Pearls From Practice - <i>Sonal Tuli, MD, MEd</i>
2:45 PM - 2:50 PM	Surgical Management of Infectious Corneal Perforation <i>Alvin Young, MB BCH BAO (NUIrel), MMedSc (Hons), FRCOphth, FHKAM</i>
2:50 PM - 3:00 PM	Discussion

1:30 PM - 3:00 PM

Symposium: Lamellar Keratoplasty CME

Rock Creek A

Moderators: *Friedrich Kruse, MD; Vincenzo Sarnicola, MD*

1:30 PM - 1:32 PM	Introduction
1:32 PM - 1:41 PM	Two Decades of DMEK: What Have We Learned - <i>Jose Guell, MD, PhD</i>
1:41 PM - 1:50 PM	DMEK in Difficult Situations: Tips and Tricks - <i>Viridiana Kocaba, MD, PhD</i>
1:50 PM - 1:59 PM	PDEK - <i>Soosan Jacob, MS, FRCS</i>
1:59 PM - 2:08 PM	Descemet Stripping Only: Do We Need a Graft? - <i>Ula Jurkunas, MD</i>
2:08 PM - 2:17 PM	Big Bubble DALK: How to Improve Your Success - <i>Mor Dickman, MD, PhD</i>
2:17 PM - 2:26 PM	Manual DALK: Rules to Achieve Good Visual Outcomes <i>Enrica Sarnicola, MD</i>
2:26 PM - 2:35 PM	The II Global Consensus on Keratoconus - <i>José Gomes, MD, PhD</i>
2:35 PM - 3:00 PM	Discussion

1:30 PM - 3:00 PM

Course: Kera-Net Live

Rock Creek B

Moderator: *Mark Mannis, MD*

1:30 PM - 3:00 PM	<i>Michael Belin, MD</i>
1:30 PM - 3:00 PM	<i>Lisa Nijm, MD, JD</i>
1:30 PM - 3:00 PM	<i>Nicolas Cesario Pereira, MD, PhD</i>
1:30 PM - 3:00 PM	<i>Penny Asbell, MD</i>
1:30 PM - 3:00 PM	<i>Michael Mimouni, MD</i>



Saturday, March 22

1:30 PM - 3:00 PM

Paper Session 6

Rock Creek C

Moderators: *Nicolas Alejandro-Alba, MD, PhD, MPH; Lara Newman, MD*

1:30 PM - 1:32 PM Introduction

1:32 PM - 1:38 PM Unplanned Return to the Operating Room After Keratoplasty
Faiqa B. Aamir, MBBS

1:40 PM - 1:46 PM The Association of Combined Donor and Recipient Factors with Graft Failure and Rejection After Penetrating Keratoplasty - *Hasan Alsetri*

1:48 PM - 1:54 PM Outcomes of Surgery for Corneal Opacity: An AAO-IRIS Registry Study
Yeganeh Farsi, MD, MPH, MBA

1:56 PM - 2:02 PM Long Term Outcomes of Anwar's Big Bubble Dalk - *Jason Day, MD*

2:04 PM - 2:10 PM Outcomes of Pediatric Corneal Transplants: A Retrospective Analysis (2018-2024) - *Simon Fung, MD, MA, FRCOphth*

2:12 PM - 2:18 PM Triple-DMEK IOL Calculation: Optimization and Limitations in a Real-Life Cohort - *Nicolas Alejandro-Alba, MD, PhD, MPH*

2:20 PM - 2:26 PM Outcomes of DMEK Surgery in Vitrectomized Eyes with Scleral-Fixated or Secondary Sulcus IOLs - *Ozlem Evren Kemer, MD*

2:28 PM - 2:34 PM EndoArt Implantation in Patients at High Risk for Human Graft Rejection
Ofer Daphna, MD

2:34 PM - 3:00 PM Discussion

3:00 PM - 3:30 PM

Refreshment Break in Exhibit Hall and Virtual Theater

Potomac 3 / Anacostia F

3:30 PM - 5:00 PM

Symposium: Surgical Innovations **CME**

Potomac 1/2

Moderators: *Luis Izquierdo Jr, MD, PhD; Jodhbir Mehta, BSc, MBBS PhD, FRCS(Ed), FRCOphth, FAMS, FARVO*

3:30 PM - 3:32 PM Introduction

3:32 PM - 3:39 PM Anterior Segment OCT in the OR: Cutting Edge Therapies - *Luigi Fontana, MD*

3:39 PM - 3:46 PM MSC Cell Therapy - *Mohammad Soleimani, MD*

3:46 PM - 3:53 PM Intense Pulsed Light (IPL) for MGD - *Sabrina Mukhtar, MD, MPH*

3:53 PM - 4:04 PM Discussion

4:04 PM - 4:11 PM Epion / Accelerated CXL - *Kenneth Beckman, MD*

4:11 PM - 4:18 PM Artificial Stroma Implants - *Alejandro Navas, MD, PhD*

4:18 PM - 4:28 PM Discussion

4:28 PM - 4:35 PM Advanced IOL Technology Review - *Boris Matyugin, MD, PhD*

4:35 PM - 4:42 PM Fine Tuning IOL to Improve Refractive Cataract Surgery
Jessica Ciralsky, MD

4:42 PM - 4:49 PM Stromal Lenticule Addition Keratoplasty (SLAK) and Lenticule Bio-Engineering - *Mario Nubile, MD, PhD*

4:49 PM - 5:00 PM Discussion



Saturday, March 22

3:30 PM - 5:00 PM

Symposium: Future Directions **CME**

Rock Creek A

Moderators: *Jennifer Rose-Nussbaumer, MD; Maria Woodward, MD, MSc*

3:30 PM - 3:32 PM	Introduction
3:32 PM - 3:39 PM	Drugs Drugs Drugs: Emerging Novel Drug Delivery - <i>Prashant Garg, MS</i>
3:39 PM - 3:46 PM	Drugs Drugs Drugs: Using Genetics and Epigenetic to Target Therapies <i>Matilda Chan, MD, PhD</i>
3:46 PM - 3:53 PM	Drugs Drugs Drugs: New Drugs for Infections and Scarring <i>Rachel Wozniak, MD, PhD</i>
3:53 PM - 4:00 PM	Drugs Drugs Drugs: Alternatives to Drugs for Infections and Inflammation <i>Charles Lin, MD</i>
4:00 PM - 4:07 PM	Role of Stem Cells and 3-D Printing in Corneal Disease <i>Sayan Basu, MBBS, MS</i>
4:07 PM - 4:16 PM	Discussion
4:16 PM - 4:23 PM	What Impacts the Cornea: New Biologics and Other Therapeutics <i>Kristin Hammersmith, MD</i>
4:23 PM - 4:30 PM	What Impacts the Cornea: Retina Drugs - <i>Asim Farooq, MD</i>
4:30 PM - 4:37 PM	What Impacts the Cornea: Vaccinations <i>David Lockington, MB BCH BAO (Hons) FRCOphth PhD</i>
4:37 PM - 4:44 PM	What Impacts the Cornea: Access to Equitable Care - <i>Fasika Woreta, MD</i>
4:44 PM - 4:51 PM	What Impacts the Cornea: Artificial Intelligence - <i>Travis Redd, MD, MPH</i>
4:51 PM - 5:00 PM	Discussion

3:30 PM - 5:00 PM

Course: Middle Segment Surgery: Using the Pars Plana to Solve Anterior Segment Surgical Challenges

Rock Creek B

Course Organizer: *Sadeer Hannush, MD*

3:30 PM - 3:31 PM	Introduction
3:31 PM - 3:40 PM	Middle Segment Surgery: A Need and Opportunity - <i>Sadeer Hannush, MD</i>
3:40 PM - 3:49 PM	The Vitrector: Expanding Indications and Applications - <i>Brenton Finklea, MD</i>
3:49 PM - 3:58 PM	Pars Plana Vitrectomy: Pre-operative Evaluation and Vitrectomy Setup and Settings - <i>Natalie Afshari, MD, FACS</i>
3:58 PM - 4:07 PM	Pars Plana Vitrectomy in the Setting of Severe Zonulopathy <i>Brandon Ayres, MD</i>
4:07 PM - 4:20 PM	Discussion
4:20 PM - 4:29 PM	Posterior Chamber IOL Fixation in the Absence of Capsular Support: Suture Fixation - <i>Beeran Meghpara, MD</i>
4:29 PM - 4:38 PM	Posterior Chamber IOL Fixation in the Absence of Capsular Support: Sutureless Fixation - <i>Josh Teichman, MD</i>
4:38 PM - 4:47 PM	Hands-on Training after Residency/Fellowship - <i>Arturo Chayet, MD</i>
4:47 PM - 5:00 PM	Discussion



Saturday, March 22

3:30 PM - 5:00 PM	Paper Session 7 Moderators: <i>David Huang, MD, PhD; Maria Phylactou, MD</i>	Rock Creek C
3:30 PM - 3:32 PM	Introduction	
3:32 PM - 3:38 PM	Differentiation of Ocular Surface Squamous Neoplasia and Pterygia Using a Novel Tear Assay - <i>Wisam Najdawi, BS</i>	
3:40 PM - 3:46 PM	A Deep Learning Algorithm for the Detection of Ocular Surface Squamous Neoplasia in Slit Lamp Photographs - <i>Wendy Li, BS</i>	
3:48 PM - 3:54 PM	A Deep Learning Model for the Detection of Ocular Surface Squamous Neoplasia Using Anterior-Segment OCT - <i>Diego Alba, MD</i>	
3:56 PM - 4:02 PM	Epithelial Segmentation: Harnessing AI to Identify Ocular Surface Squamous Neoplasia on AS-OCT - <i>William Herskowitz, BA</i>	
4:04 PM - 4:10 PM	Corneal Opacity Detection on OCT Based on a Model of Incidence-Angle and Depth Dependent Reflectance - <i>David Huang, MD, PhD</i>	
4:12 PM - 4:18 PM	A Convolutional Neural Network for OCT-Based Detection of Keratoconus and Past Refractive Surgery - <i>Yan Li, PhD</i>	
4:20 PM - 4:26 PM	Dry Eye Disease (DED): Key Myths Debunked by the Dry Eye Assessment and Management (DREAM©) Study - <i>Rony Sayegh</i>	
4:28 PM - 4:34 PM	The Frequency of Meibomian Gland Dysfunction (MGD) in Moderate to Severe Dry Eye (DED): Results from the DREAM Trial - <i>Penny Asbell, MD</i>	
4:36 PM - 4:42 PM	Nicergoline: A Novel Treatment for Persistent Corneal Epithelial Defect - <i>Valeria Oliva-Biénzobas, MD, MSc</i>	
4:44 PM - 4:50 PM	Fenofibrate Ameliorates Ocular Surface Inflammation in Patients with Diabetes - <i>Hassan Mansoor, FRCSEd</i>	
4:50 PM - 5:00 PM	Discussion	
4:00 PM - 5:00 PM	Skill Lab: CAIRS Presented by Lions World Vision Institute	River Birch B
8:00 PM - 11:00 PM	Cornea Party	Potomac 1/2



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Corneal Mechanical Sensitivity By Non-Contact Brill Engines Esthesiometer In A Healthy Mexican Population

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