



Location:

Westin Michigan Avenue
909 Michigan Ave, Chicago, IL 60611

Event Schedule

7:00 am – 2:00 pm **Registration** (Great Lakes Ballroom Foyer)
 7:00 am – 8:00 am **Breakfast** (Michigan Ballroom)
 8:00 am – 5:00 pm **Cornea and Eye Banking Forum** (Great Lakes Ballroom)
 12:15 pm – 1:15 pm **R. Townley Paton Luncheon & Moderated Discussion*** (Michigan Ballroom)
**Included in the registration for all physician attendees, including Medical Students, Residents and Cornea Fellows.*

Program Schedule

Section I

8:00 am – 8:02 am **Welcome and Introductions**
 M. Soledad Cortina, MD, and Jessica Ciralsky, MD
 W. Barry Lee, MD, and Jim Quirk, CEBT

8:03 am – 8:13 am **Serological Testing Can Guide Comprehensive Treatment in Patients with Neuropathic Corneal Pain**
 Chloe Bogen, *Tufts Medical Center*

8:14 am – 8:24 am **Outcomes of DMEK For Corneal Transplantation Failure**
 Angela Chen, MD, *UCLA*

8:25 am – 8:35 am **Characteristics and Outcomes of DMEK for Failed Endothelial Keratoplasty**
 Marianne Price, PhD, *Cornea Research Foundation of America*

8:36 am – 8:46 am **Scheimpflug Corneal Tomography Anterior Chamber Depth in DMEK Recipients: A Prognostic Factor for Secondary Graft Failure?**
 Andrea Santiago-Leon, MD, *University of Miami - Bascom Palmer Eye Institute*

8:47 am – 8:57 am **Late Graft Failure after Descemet Membrane Endothelial Keratoplasty (DMEK): Why is it so Difficult to Remove the Failed Graft?**
 Theofilos Tourtas, MD, *University of Erlangen-Nuremberg*

8:58 am – 9:09 am **Spotlight: Clinical Trials – Updates and Findings**
Diabetes Endothelial Keratoplasty Study: Methods and Impact on the Use of Donor Corneas from Donors with Diabetes
 Jonathan Lass, MD, *Case Western Reserve University/ University Hospitals Eye Institute*

9:10 am – 9:21 am **In-office Magnetic Cell Therapy Treatment for Corneal Endothelial Dysfunction**
 David Verdier, MD, *Verdier Eye Center*

9:22 am – 9:33 am **Cultivated Autologous Limbal Epithelial Cell (CALEC) Transplantation for Limbal Stem Cell Deficiency**
 Ula Jurkunas, MD, *Massachusetts Eye and Ear, Harvard Medical School*

9:34 am – 9:45 am **INTRA-KER Keratoprosthesis: Preliminary Results of First-In Human Trial of an Intracorneal Prosthesis**
 Massimo Busin, MD, *University of Ferrara*

9:46 am – 9:57 am **Role of Suppressive Dose of Valacyclovir in Management of Herpes Zoster Ophthalmicus: Results of the Zoster Eye Disease Study (ZEDS)**
 Bennie Jeng, MD, *University of Pennsylvania Perelman School of Medicine*

9:58 am – 10:03 am **Claes Dohlman Award Presentation**
 Recipient: Christopher J. Rapuano, MD
 Presented by Bennie Jeng, MD, and W. Barry Lee, MD

10:04 am – 10:05 am **Session I Closing Remarks**
 M. Soledad Cortina, MD, and Jessica Ciralsky, MD

10:05 am – 10:14 am	Cornea Society Business Meeting
10:15 am – 10:30 am	Break
Section II	
10:30 am – 10:32 am	Welcome Back Jessica Ciralsky, MD, and M. Soledad Cortina, MD
10:33 am – 10:35 am	EBAA High Impact Research Grant Announcement Mark Greiner, <i>EBAA Research Committee</i>
10:36 am – 10:44 am	Association Between Corneal Densitometry and Night Driving Impairment in FECD using the National Advanced Driving Simulator Glare Protocol Simran Sarin, <i>University of Iowa</i>
10:45 am – 10:53 am	Scanning Specular Microscopy Reliably Images the Same Endothelial Location Elias Kahan, MD, <i>NYU Grossman School of Medicine</i>
10:54 am – 11:02 am	Detection of Ocular Surface Squamous Neoplasia Using Deep Learning and Anterior-Segment OCT Jason Greenfield, BA, <i>Bascom Palmer Eye Institute</i>
11:03 am – 11:11 am	Differentiation of Ocular Surface Squamous Neoplasia and Pterygia Using a Novel Tear Assay Wisam Najdawi, BS, <i>Bascom Palmer Eye Institute</i>
11:12 am – 11:20 am	Complications of Epi-Off Crosslinking: A Historical Experience at Wills Eye W. Violet Lin, MD, <i>Wills Eye Hospital</i>
11:21 am – 11:29 am	Small Fiber Neuropathy in Patients with Dry Eye Disease Asmaa Zidan, MD, <i>Massachusetts Eye and Ear Infirmary/ Harvard Medical School</i>
11:30 am – 11:34 am	R. Townley Paton Award Introduction David Verdier, MD, <i>2023 R. Townley Paton Award Recipient</i>
11:35 am – 11:55 pm	R. Townley Paton Award Lecture: The Unsung Heroes of Eye Banking and Corneal Transplantation Bennie Jeng, MD, <i>2024 R. Townley Paton Award Recipient</i>
11:55 pm – 12:00 pm	Session II Closing Remarks Jessica Ciralsky, MD, and M. Soledad Cortina, MD
Session III	
1:30 pm – 1:32 pm	Welcome Back M. Soledad Cortina, MD, and Jessica Ciralsky, MD
1:33 pm – 1:43 pm	EBAA Update: Eye Banking Advancements and Challenges Shahzad Mian, MD, <i>EBAA Medical Advisory Board</i>
1:44 pm – 1:54 pm	Effects of Eye Bank Donor Age Expansion on Corneal Endothelial Cell Density and Surgeon Tissue Acceptance Ayobami Adebayo, <i>Albert Einstein College of Medicine</i>
1:55 pm – 2:05 pm	Thinner, Flatter, Longer: Consistent Corneal Characteristics during Cold Storage Suggest Potential for Extending Storage Time for Donor Corneas Mark Ellison, BS, BA, <i>VisionGift</i>
2:06 pm – 2:16 pm	Feasibility of Manual Preparation of Bowman Layer Grafts in the Eye Bank Setting Michael Szkarlat, BS, <i>Eversight</i>
2:17 pm – 2:27 pm	Clinical Outcomes of Therapeutic Penetrating Keratoplasty Using Gamma-irradiated Corneal Tissue Huong Duong, MD, <i>University of Medicine and Pharmacy at Ho Chi Minh City</i>
2:28 pm – 2:38 pm	Reducing Tissue Waste for Corneal Transplantation: Clinical Outcomes of DMEK Grafts Prepared from Failed DSAEK Preparation at an Eye Bank Charles Reeder, MD, <i>Devers Eye Institute</i>
2:39 pm – 2:49 pm	A Novel Technique for Processing Keratolimbal Allografts for Treatment of Limbal Stem Cell Deficiency Pauline Dmitriev, MD, <i>University of Michigan Kellogg Eye Center</i>

- 2:50 pm – 3:00 pm **Descemet’s Membrane Anterior Keratoplasty (DMAK) for Treatment of Limbal Stem Cell Deficiency (LSCD) in Congenital Aniridia**
Joshua Hou, MD, *Lions Gift of Sight/ University of Minnesota*
- 3:01 pm – 3:03 pm **Richard Troutman Prize Award Introduction**
Douglas R. Lazzaro, MD, *NYU Langone Health*
- 3:04 pm – 3:12 pm **Richard Troutman Prize Lecture: *Clinical Features of Sjögren Syndrome—Related Dry Eye Disease in Anterior Segment Photographs***
Eisuke Shimizu, MD, PhD, *Keio University*
- 3:13 pm – 3:14 pm **Session III Closing Remarks**
M. Soledad Cortina, MD, and Jessica Ciralsky, MD
- 3:15 pm – 3:30 pm **Break**
- [Session IV](#)
- 3:30 pm -3:32 pm **Welcome Back**
Jessica Ciralsky, MD, and M. Soledad Cortina, MD
- 3:33 pm – 3:43 pm **Universal Cannula Compartment Design for Both Endo-In and Endo-Out DMEK Implantation**
Mikhail Tsurkan, PhD, *Leibniz Institute of Polymer Research Dresden and TissueGUARD Gmb*
- 3:44 pm – 3:54 pm **Efficacy, Efficiency, and Viability of Pre-loaded DescePrep vs. SCUBA Prepared Tissue in a Diabetic Donor Population**
Katie Solley, MSE, *Eyedeas Medical*
- 3:55 pm – 4:05 pm **The Use Of Novel Injectable Tri-Folded Endothelium-In DMEK In Cases Of Complex Anterior Chambers**
Leonard Heydenrych, FRCOphth, *University of Cape Town, Port Elizabeth Provincial Hospital*
- 4:06 pm – 4:16 pm **The Prognostic Significance of Biointegration at the Optic-Cornea Joint in Keratoprosthesis Implantation**
Esen Akpek, MD, *The Johns Hopkins University Wilmer Eye Institute*
- 4:17 pm – 4:50 pm **Invited Session: Diversity, Equity and Inclusion in Cornea**
 - **Diversity in the Cornea Workforce**
Kathryn Colby, MD, PhD, *NYU Langone Health*
 - **Corneal Donation Bans in the US: Assessing the Evidence**
Michael A Puente, MD, *University of Colorado School of Medicine*
 - **The Impact of Social Determinants of Health on Cornea Conditions**
Maria Woodward, MD, MSc, *University of Michigan Kellogg Eye Center*
 - **Disparities in Corneal Transplant Access and Outcomes**
Divya Srikumaran, MD, *The Johns Hopkins University Wilmer Eye Institute*

Discussion
- 4:51 pm – 4:54 pm **Best Paper of Session**
Supported by an unrestricted educational grant from Lions Gift of Sight
Presented by W. Barry Lee, MD, and Jim Quirk, CEBT
- 4:55 pm – 5:00 pm **Closing**
Jessica Ciralsky, MD, and M. Soledad Cortina, MD