

Cornea & Eye Banking Forum

Tentative Schedule

All times EST

- 8:30 am – 9:45 am** **Networking Event**
Live face to face virtual networking event open to all attendees
- 10:00 am- 11:15 am** **Session I**
COVID-19 and the Donor Cornea
- **EBAA Donor Eligibility Guidelines and Status of Eye Banking-** Jennifer Li, MD, *Sierra Donor Services Eye Bank*
 - *Can SARS-CoV-2 be Transmitted through Donor Corneal Tissue? An in vitro Infection Study* Josh Hou, MD, *Lions Gift of Sight*
 - **Assessing Prevalence of SARS-CoV-2 in Human Post-Mortem Ocular Tissues**
Onkar Sawant, PhD, *Eversight*
 - **The Impact of the COVID-19 Pandemic on the Cornea Donor Pool and the Role of Routine COVID-19 Testing for all Donors**
Dena Ballouz, *University of Michigan Kellogg Eye Center*
 - Discussion & Q&A
- Treatment and Outcomes of Fungal Infections Following Descemet Membrane Endothelial Keratoplasty**
Anthony Aldave, MD, *Stein Eye Institute, UCLA*
- Optimizing Methods to Decontaminate Fungus from Corneal Tissue**
Roheena Kamyar, MD, *University of Pittsburgh Medical Center, Center for Organ Recovery and Education*
- Microbial Keratitis after Boston Type 1 Keratoprosthesis Implantation**
Reza Ghaffari, MD, *Stein Eye Institute, UCLA*
- Panel Discussion and Q&A**
- 11:30 – 12:30** **Session II**
A Novel Carrier and Technique for Delivery by Injection of In-Advance Pre-Loaded Endothelial Grafts for DSAEK through a Small Wound
Eric Abdullayev, MD, MBA, CEFT, *Lions Eye Institute for Transplant and Research*
- Histological Study of Recurrent Ectasia in Corneal Transplants**
Joseph Ciolino, MD, *Massachusetts Eye and Ear*
- A Novel Dual-Chamber Vial for Corneal Graft Preservation**
Joana Karanxha, *Bascom Palmer Eye Institute*
- Anterior Segment Optical Coherence Tomography Angiography in the Assessment of Ocular Surface Lesions**
William Binotti, MD, *Tufts Medical Center*
- Panel Discussion and Q&A**
- R. Townley Paton Award Introduction**
Shahzad Mian, MD, *2019 R. Townley Paton Recipient*
- R. Townley Paton Award Lecture: *Reflections During Covid-19: My Important but Little Known Research and Our Legacy***
Stephen C. Kaufman, MD, PhD, *2020 R. Townley Paton Award Recipient*
- Closing**
- 1:00 – 2:00** **Moderated Discussions**
Paton Brunch
- Live clinical discussion for physician attendees. Moderated by Marian Macsai
Eye Bank Brunch
- 2:00 – 2:15** **Cornea Society Meeting**

2:30 – 3:45

Session III

Invited Session: Therapeutic Applications of Mesenchymal Stroma Cells for Cornea and Ocular Surface Diseases

Ali Djalilian, MD, *University of Illinois, Chicago*

Predictors of Receiving Keratoplasty for Keratoconus

Chanon Thanitcul, *Johns Hopkins School of Medicine*

Long-Term Outcomes after Cornea Transplant and Cataract Extraction in Children after Penetrating Ocular Trauma

Allison Umfress, MD, *Vanderbilt Eye Institute*

Outcome of Lamellar Keratoplasty in Children and Infants with Congenital Corneal Dermoids

Jijo Wang, MD, *New York Medical College*

Prevalence of Neurotrophic Keratopathy in Patients with Chronic Ocular Graft-Versus-Host Disease

Rohan Bir Singh, MD, MPH, *Massachusetts Eye and Ear*

Panel Discussion and Q&A

Troutman Prize Presentation: *Increasing Povidone-Iodine Exposure in Endothelial Keratoplasty Tissue Processing and Fungal Infection Impact*

C. Drew Salisbury, MD, *2020 Troutman Prize Recipient*

4:00 – 5:00

Session IV

Invited Session: An Update on Injectable Endothelial Cell Technology

Shigeru Kinoshita, MD, PhD, *Kyoto Prefectural University*

Viability and Function of Cultured Human Corneal Endothelial Cells (HCECs) for Transplantation

Wei Wang, PhD, *Johns Hopkins University, School of Medicine*

Randomized, Double-Masked Trial of Netarsudil for Treatment of Corneal Edema in Fuchs Dystrophy

Marianne Price, PhD, *Cornea Research Foundation of America*

Endothelial Cell Viability in Viscoelastic-Aided DMEK Graft Preparation and Marking

Ellen Koo, MD, *Bascom Palmer Eye Institute*

**Prediction of DMEK-Grafts at Risk for Future Rejection from Pre-Clinical Diagnosis Endothelial Cell Images
Endothelial Cell Images**

Naomi Joseph, BS, *Case Western Reserve University*

Panel Discussion and Q&A

Best paper of session