

Cornea & Eye Banking Forum

Tentative Schedule

All times EST

Moderators:

Sophie Deng, MD, PhD, and Marjan Farid, MD

- 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 (30 minutes)
- **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 am – 12:30 pm** **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, CEBT, *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, *University of Michigan*
- R. Townley Paton Award Lecture: Reflections During Covid-29: My Important But Little Known Research and Our Legacy**
Stephen C. Kaufman, MD, PhD, *2020 R. Townley Paton Award Recipient*
- Closing**
- 1:00 pm – 2:00 pm** **Moderated Discussions**
Paton Brunch/ Lunch
- Live clinical discussion for physician attendees. Moderated by Marian Macsai
Eye Bank Brunch

2:00 pm – 2:15 pm	Cornea Society Meeting
2:30 pm – 3:45 pm	<p>Session III</p> <p>Invited Session: Therapeutic Potential of Mesenchymal Stem Cells on Corneal Injury Ali Djalilian, MD, <i>University of Illinois, Chicago</i></p> <p>Predictors of Receiving Keratoplasty for Keratoconus Chanon Thanitcul, <i>Johns Hopkins School of Medicine</i></p> <p>Long-Term Outcomes after Cornea Transplant and Cataract Extraction in Children after Penetrating Ocular Trauma Allison Umfress, MD, <i>Vanderbilt Eye Institute</i></p> <p>Outcome of Lamellar Keratoplasty in Children and Infants with Congenital Corneal Dermoids Jijo Wang, MD, <i>New York Medical College</i></p> <p>Prevalence of Neurotrophic Keratopathy in Patients with Chronic Ocular Graft-Versus-Host Disease Rohan Bir Singh, MD, MPH, <i>Massachusetts Eye and Ear</i></p> <p>Panel Discussion and Q&A</p> <p>Troutman Prize Presentation: <i>Increasing Povidone-Iodine Exposure in Endothelial Keratoplasty Tissue Processing and Fungal Infection Impact</i> C. Drew Salisbury, MD, <i>2020 Troutman Prize Recipient</i></p>
4:00 pm – 5:00 pm	<p>Session IV</p> <p>Invited Session: An Update on Injectable Endothelial Cell Technology Shigeru Kinoshita, MD, PhD, <i>Kyoto Prefectural University</i></p> <p>Viability and Function of Cultured Human Corneal Endothelial Cells (HCECs) for Transplantation Wei Wang, PhD, <i>Johns Hopkins University, School of Medicine</i></p> <p>Randomized, Double-Masked Trial of Netarsudil for Treatment of Corneal Edema in Fuchs Dystrophy Marianne Price, PhD, <i>Cornea Research Foundation of America</i></p> <p>Endothelial Cell Viability in Viscoelastic-Aided DMEK Graft Preparation and Marking Ellen Koo, MD, <i>Bascom Palmer Eye Institute</i></p> <p>Prediction of DMEK-Grafts at Risk for Future Rejection from Pre-Clinical Diagnosis Endothelial Cell Images Naomi Joseph, BS, <i>Case Western Reserve University</i></p> <p>Panel Discussion and Q&A</p> <p>Best paper of session</p>
5:15– 6:15	Networking Event