



 **Illinois Eye and Ear Infirmary**
Department of Ophthalmology and Visual Sciences
2017 UIC Cornea Symposium Program
Friday, September 22, 2017

Morning

7:00am Registration and Breakfast

8:00am Welcome and Introductions

Session I: Update in the Treatment of Ectatic Disorders

Moderator: Soledad Cortina, MD

8:05-8:20 How to reliably assess progression in keratoconus – **Tim McMahon, OD**

8:20-8:35 Trans-epithelial Corneal Cross-linking (CXL) for the treatment of Corneal Ectasia – **Randy Epstein, MD**

8:35-8:50 Combining Procedures: CXL and Intracorneal ring segments for corneal ectatic disorders
– **Jose de la Cruz, MD**

8:50-9:05 Multifocal contact lens myopia control in kids – **Charlotte Joslin, OD, PhD**

9:05-9:30 Corneal crosslinking: Why it works and where it's headed – **William Dupps, MD**

9:30-9:45 Panel discussion

9:45 – 10:00 REFRESHMENT BREAK

Session II: Surgical Innovations

Moderator: Mark Rosenblatt, MD, PhD, MBA

Introduction

10:00-10:30 **Marvin D. Henry MD Lecture:** Innovations in Cornea Lamellar Surgery – **Donald Tan, MD**

10:30-10:45 Rethinking Fuchs Dystrophy in the Era of Successful Descemet Stripping
– **Kathryn Colby, MD, PhD**

10:45-11:00 Surgical management of the dislocated lens implant – **Jonathan Rubenstein, MD**

11:00-11:15 Posterior corneal astigmatism – **Surendra Basti, MD**

11:15-11:30 Corneal transplantation in Fuchs' Dystrophy: do we really need donor tissue – **Marian Macsai, MD**

11:30-11:45 Panel discussion

Session III: Free Paper Session

Moderator: Jose de la Cruz, MD

11:45-11:50 Indications and outcomes of repeat DSAEK: a multicenter study – **Bouchard Group**

11:50-11:55 Long-term outcomes of primary Boston type 1 keratoprosthesis – **Kai Kang, MD**

11:55-12:00 Novel applications of mesenchymal stem cells for ocular surface disease – **Medi Eslani, MD**

12:00-12:05 The novo glaucoma in patients with Boston type 1 Kpro – **Andrea Arteaga, MD**

12:05-12:10 Measuring forward light scatter in patients with implanted keratoprosthesis – **Faris Karas, MD**

12:10-12:15 Regeneration of corneal nerves: Do axon guidance proteins become growth factors after injury?

– **Victor Guaiquil, PhD**

12:15-12:20 **Q&A**

12:20-1:20 pm **LUNCH**

Afternoon

Session IV: Infections

Moderator: Elmer Y. Tu, MD

1:20-1:35 Herpes Zoster and the ZEDS study – **Joel Sugar, MD**

1:35-1:50 CMV endothelitis – **Donald Tan, MD**

1:50-2:05 Corneal interface infections – **Elmer Tu, MD**

2:05-2:25 Alternative strategies for elimination of trachoma – **Jeremy Keenan, MD**

2:25-2:35 Infections in KPro, what is the evidence? – **Soledad Cortina, MD**

2:35-2:50 Activation of the enzyme heparanase by HSV drives corneal disease pathology – **Deepak Shukla, PhD**

Case discussions

2:50-2:55 TBA – **Salima Hassanaly, MD**

2:55-3:00 TBA – **Kai Kang, MD**

3:00-3:05 **Q&A**

3:05-3:15 **COFFEE BREAK**

Session IV: Ocular Surface Disease

Moderator: Ali Djalilian, MD

3:15-3:35 Keratoprosthesis: Why, When and How – **Donald Tan, MD**

3:35-3:50 Update in the treatment of limbal stem cell deficiency – **Ali Djalilian, MD**

3:50-4:05 The microbiome in severe ocular surface disease – **Charles Bouchard, MD**

4:05-4:20 Molecular mechanisms of graft vs host disease – **Sandeep Jain, MD**

4:20-4:35 PROSE indications and outcomes, UIC experience – **Ellen Shorter, OD**

4:35-4:50 Neuropathic ocular pain – **Mark Rosenblatt, MD, PhD, MBA**

4:50-5:05 Intraocular visual prosthesis for corneal blindness – **Charles Yu, MD**

5:05-5:15 **Panel Discussion**

Closing Remarks