

2017 Spring KPro Study Group Meeting

Toward an Artificial Cornea

Hosted by the Wilmer Eye Institute
Johns Hopkins University

Monday, May 8, 2017
4:00 pm – 7:30 pm

<u>Location</u> Wilmer Smith Building Atrium 400 N Broadway, Baltimore, MD 21231	<u>Parking</u> 1800 Orleans Street Parking Garage
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Preliminary Program

4:00pm Opening Remarks - Esen K Akpek, Jose de la Cruz, Jean Marie Parel

4:10 Session 1: Materials, Biocompatibility, Bio-Integration: Bench to Bedside
Moderator: Gerd Geerling, University Hospital Dusseldorf, Dusseldorf, Germany

4:10 Jean-Marie Parel, Bascom Palmer Eye Institute, Miami, FL
History Does Not Need To Repeat Itself: What Have We Learned So Far

4:20 Gopalan Balaji, W. L. Gore & Associates Inc, Newark, DE
Back To The Future: ePTFE For Artificial Cornea & Why It Is Suitable for KPro

4:30 Jennifer Elisseeff, Wilmer Eye Institute, Baltimore, MD
Implant/Mesoplant/Explant Within The Context Of Artificial Cornea

4:40 Darlene Miller, Bascom Palmer Eye Institute, Miami, FL
Biofilm Formation in Current Keratoprotheses.

4:50-5:00 James Chodosh, Massachusetts Eye and Ear, Boston, MA
Design Evolution in Boston KPro Type I and II

5:00 Charles Yu, University of Illinois Eye and Ear Infirmary, Chicago, IL
Incorporating 3D Printing in the Design of a New Prosthesis

5:10 Discussion

5:20 Free Paper Session
Moderator: Mark Rosenblatt, University of Illinois, Chicago, IL

Miguel Gonzalez et al, Massachusetts Eye and Ear, Boston, MA
One step closer to a more practical cornea

Heather Durkee et al, Bascom Palmer Eye Institute, Miami, FL
OCT and Confocal microscopy to examine explanted KPros

Eleftherios Paschalis et al, Massachusetts Eye and Ear, Boston, MA

KPro surgery and chemical burns can cause retina and optic nerve damage via inflammation. Treatment with infliximab is protective

Jean-Marie Parel et al, Bascom Palmer Eye Institute, Miami, FL

MiTi KPro: A synthesis of what BPEI learned from OOKP and Boston KPro

6:00 Session 2: The Good, The Bad and The Ugly: Current KPros

Moderator: Sadeer Hannush, Wills Eye Hospital, Philadelphia, PA

6:00 Sumayya Ahmad, Icahn School of Medicine at Mt. Sinai, New York NY

Artificial Corneal Transplantation Versus Donor Corneal Transplantation: Is KPro Being Underutilized?

6:10 Robert Morris, Retina Specialists of Alabama, Birmingham, AL

Retinal Detachment Prophylaxis in KPro Eyes

6:20 Joseph Ciolino, Massachusetts Eye and Ear, Boston, MA

Crosslinking of Donor Cornea in Boston KPro Type I Clinical Trial

6:30 Sayan Basu, Tej Kohli Cornea Institute, LV Prasad Eye Institute, Hyderabad, India

Auro Kpro an Update on Outcomes and Progress

6:40 Victor Perez et al, Bascom Palmer Eye Institute, Miami, FL

Pan KPro Initiative. First Regional Data Base

6:50 Jose de la Cruz et al, University of Illinois, Chicago, IL

P3KPRO Study. "The True Story of the Naïve KPro"

7:00 Discussion

7:10 Steering Committee Resolutions, Jean-Marie Parel

7:15 Closing Remarks - Esen Akpek, Jean Marie Parel & Jose de la Cruz

7:30 - 8:30 Dinner for All Attendees

Sponsored by the Wilmer Cornea, Cataract, and External Disease Division

Please RSVP to:

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Jean-Marie Parel: jmparel@med.miami.edu

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