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
Moderators: Gerd Geerling, University Hospital Dusseldorf, Dusseldorf, Germany & Victor L Perez, Bascom Palmer Eye Institute, Miami, FL

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 Keratoprostheses: The microbe point of view

4:50 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
Moderators: Mark Rosenblatt, University of Illinois, Chicago, IL
Michael Belin, The University of Arizona, Tucson, AZ

5:20 Miguel Gonzalez et al, Massachusetts Eye and Ear, Boston, MA
One step closer to a more practical artificial cornea

5:26 Heather Durkee et al, Bascom Palmer Eye Institute, Miami, FL
OCT and Confocal microscopy to examine explanted KPros

5:32 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
5:38  Jay Wang et al, Massachusetts Eye and Ear, Boston, MA
Outcomes of Boston keratoprosthesis type 1 reimplantation – multicenter study results

5:42  Jean-Marie Parel et al, Bascom Palmer Eye Institute, Miami, FL
MiTi KPro: A synthesis of what BPEI learned from OOKP and Boston KPro

5:50  Discussion

6:00  Session 2: The Good, The Bad and The Ugly: Current KPro
Moderators: Sadeer Hannush, Wills Eye Hospital, Philadelphia, PA &
James Chodosh, Massachusetts Eye and Ear, Boston, MA

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  Andrea Arteaga 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

7:30-9:00  Dinner for All Attendees

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