The first year was a winner—come join us for the:

SECOND ANNUAL FREE
BENCH TO BEDSIDE SYMPOSIUM

FRIDAY, JUNE 19, 2015

GAVIN HERBERT EYE INSTITUTE &
DISCOVERY CENTER FOR EYE RESEARCH
850 HEALTH SCIENCES RD.,
ESTHER AND JAMES CAVANAUGH CONFERENCE R00M, 3rd FL.
IRVINE, CA. 92697

Advance Registration Required:
Please go to:  http://www.ghei.uci.edu/event-registration.asp

7:30 – 7:55  Registration & Continental Breakfast
7:55 to 8:00  Welcome: Anthony Nesburn MD, GHEI, UC-Irvine

8:00 – 10:00  NOVEL THERAPIES FOR RETINAL DISEASES
Jayakrishna Ambati, MD - The Road to a Therapy for Geographic Atrophy
Baruch Kuppermann, MD, PhD - The Role of Inflammation in Diabetic Macular Edema
Cristina Kenney, MD, PhD - Targeting Mitochondria for Treatment in AMD
Pinchas Cohen, MD – Mitochondrial-Derived Peptides & their Role in Eye Diseases
PANEL DISCUSSION – Q & A

10:20 – 12:20  STEM CELL THERAPIES FOR EYE DISEASES
Kang Zhang, MD, PhD - Genetics, Epigenetics & Stem Cell Based Therapy for Blinding Eye Diseases
Henry Klassen, MD, PhD - Retinal Progenitor Cells for Treatment of Retinitis Pigmentosa
Magdalene Seiler, PhD - Retinal Progenitor Sheet Transplants to Restore Vision in Advanced Retinal Degeneration
Sophie Deng, MD, PhD - Wnt Signaling in Limbal Stem Cells
PANEL DISCUSSION – Q & A

LUNCH

1:20 - 3:10  IMMUNOLOGY and THERAPIES ASSOCIATED WITH OCULAR DISEASES
Eric Pearlman, PhD - Host Responses in Microbial Keratitis
Michael Stern, PhD - Therapies for Dry Eye
Lbachir BenMohamed, PhD - Ocular Herpes Simplex Virus Pathology & Therapeutic Vaccine Development
Ghanshyam S. Acharya, PhD - Ocular Drug Delivery Nanowafer: Design & Applications
PANEL DISCUSSION - Q & A

3:05 - 5:05  LATEST TREATMENTS FOR KERATOCONUS AND CATARACTS
Peter Hersh, MD - Corneal Collagen Crosslinking & Evolving Management Options for Keratoconus
James Jester, PhD - Non Linear Optical Collagen Crosslinking for Modifying Corneal Compliance
Sumit Garg MD - Latest Surgical Innovations for Cataracts
Rachel Martin, PhD - Understanding the Molecular Basis of Cataract
PANEL DISCUSSION - Q & A

5:30 – 6:30  RECEPTION ---- Cocktails and hors d’oeuvres on Mazzo Terrace