AGENDA

7:30 - 8:00 AM  Registration and Continental Breakfast

8:00 - 8:05 AM  Welcome - Anthony Nesburn, M.D.
Gavin Herbert Eye Institute, UC Irvine

INNOVATIVE APPROACHES FOR DIAGNOSIS & TREATMENTS OF AGING DISEASES
Moderator: Cristina Kenney, M.D., Ph.D.

8:05 - 8:15 AM  Cristina Kenney, M.D., Ph.D.
Gavin Herbert Eye Institute, UC Irvine
*Age-related Macular Degeneration and Alzheimer’s Disease: Similar Diseases – Different Locations*

8:15 - 8:40 AM  Maya Koronyo-Hamaoui, Ph.D.
Cedars-Sinai Maxine Dunitz Neurosurgical Institute, Los Angeles, CA
*Ocular Window to the Brain: Retinal Amyloid Imaging in Alzheimer's Disease*

8:40 - 9:05 AM  Massimo Fiandaca, Ph.D.
Department of Neurology and Neurological Surgery, UC Irvine
*Plasma Metabolomic Biomarkers Related to Alzheimer's Pathology*

9:05 - 9:30 AM  Mark Mapstone, Ph.D.
Department of Neurology, Institute for Memory Impairments and Neurological Disorders, UC Irvine
*Plasma Metabolomic Biomarkers Related to Cognitive Aging*

9:30 - 9:45 AM  Baruch Kuppermann, M.D., Ph.D.
Gavin Herbert Eye Institute, UC Irvine
*Techniques to Identify Early and Progressing Age-Related Macular Degeneration (AMD)*

9:45 - 10:05 AM  Break and Poster Viewing

NOVEL THERAPIES FOR HSV – DEDICATED TO STEVE WECHSLER
Moderator: Lbachir BenMohamed, Ph.D.

10:05 - 10:50 AM  Rafi Ahmed, Ph.D.
Department of Microbiology and Immunology, Emory Vaccine Center, Atlanta, GA
*T Cell Memory and Exhaustion*

10:50 - 11:25 AM  Nigel Fraser, Ph.D.
Department of Microbiology, University of Pennsylvania
*Translational Research for Herpes Simplex Virus*
11:25 - 12:00 AM  Clinton Jones, Ph.D.
Oklahoma State University
The Role of Stress During the Latency-Reactivation Cycle of Neurotropic Herpes Viruses

12:00 - 1:15 PM  Lunch and Poster Viewing

STEM CELLS TECHNOLOGIES FOR TREATMENT OF EYE DISEASES
Moderator: Anthony Nesburn, M.D.

1:15 - 1:45 PM  Peter Coffey Ph.D.
Ocular Biology and Therapeutics, University College London
Visual Recovery in Age-related Macular Degeneration (AMD) Using Stem Cells

1:45 - 2:15 PM  Martin Friedlander, M.D., Ph.D.
Scripps Stem Cells for RPE Cells, La Jolla, CA
Stem Cell Transplants for the Retinal Degenerations

2:15 - 2:45 PM  Henry Klassen, M.D., Ph.D.
Gavin Herbert Eye Institute, UC Irvine
Retinal Progenitor Cells for Treatment of Retinitis Pigmentosa

2:45 - 3:05 PM  Break and Poster Viewing

NOVEL TECHNOLOGIES WITH POTENTIAL TO TREAT EYE DISEASES
Moderator: Eric Pearlman, Ph.D.

3:05 - 3:35 PM  Vicken Karageozian, M.D.
Allegro Ophthalmics, Inc., San Juan Capistrano, CA
Luminate® - Integrin Peptide Therapy for AMD

3:35 - 4:05 PM  Paolo Sassone-Corsi, Ph.D.
Departments of Biological Chemistry and Microbiology and Molecular Genetics, UC Irvine
Epigenetics, Metabolism, and the Circadian Clock

4:05 - 4:35 PM  Mehrnoosh Ghiam, Ph.D.
Cedars Sinai Medical Center, Los Angeles, CA
MicroRNAs as Powerful Regulators in Normal and Diseased Corneal Epithelial Homeostasis

4:35 - 5:05 PM  Richard Sudek, Ph.D.
Chief Innovation Officer, Executive Director, UCI Applied Innovation
What to Consider When Commercializing Your Research

5:05 - 6:30 PM  POSTERS - Cocktails and hors d’oeuvres at the Beckman Center
Best Posters Awards: ($500 First Prize; $300 Second Prize; $200 Third Prize)