

Symposium Agenda

Registration & Breakfast **8:30 - 9:00 AM**

Introduction by Brian Cummings, Ph.D. **9:00 - 9:10 AM**

Session 1: Engineering Neurogenesis - Moderated by Quinton Smith, Ph.D.

Molly Shoichet, Ph.D. - University of Toronto **9:10 - 9:50 AM**
“Regenerating the Brain”

Lisa A. Flanagan, Ph.D. - UC Irvine **9:50 - 10:30 AM**
“Human Neural Stem Cell and Endothelial Cell Reciprocal Communication Governs Cell Function”

Yuan Chen Tsai, Ph.D. - UC Irvine, Watanabe Lab **10:30 - 10:50 AM**
“Morphogen-Guided Neocortical Organoids Recapitulate Regional Areal Identity and Model Neurodevelopmental Disorder Pathology”

Morning Break - Boardroom **10:50 - 11:10 AM**

Session 2: Hematopoietic Gene and Cell Therapy - Moderated by Angela Fleischman, M.D., Ph.D.

Piyanuch Kongtim, M.D., Ph.D. - UC Irvine **11:10 - 11:50 AM**
“Overcoming the HLA barrier to Hematopoietic Stem Cell Transplantation”

Donald B. Kohn, M.D. - UC Los Angeles **11:50 - 12:30 PM**
“Gene Therapy for Blood Cell Diseases”

Lunch Buffet - Boardroom **12:30 - 1:30 PM**

Session 3: - Moderated by Daniela Bota, M.D.

Vivian Gama, Ph.D. - Vanderbilt University **1:30 - 2:10 PM**
“The Coordination of Mitochondrial and Peroxisomal Fission Establishes Cell Fate During Neurogenesis”

Katja Piltti, Ph.D. - UC Irvine, Anderson Lab **2:10 - 2:30 PM**
“C1q-BA11 Regulation of Neural Stem Cell Quiescence, Activation and Metabolic Rewiring”

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Munjal Acharya, Ph.D. - UC Irvine **2:30 - 3:10 PM**
*“Stem Cell-Derived Extracellular Vesicles to Alleviate
Cancer-Related Cognitive Impairments”*

Afternoon Break - Boardroom **3:10 - 3:30 PM**

Session 4: Cell Therapies for Motorneuron Injury and Disease- Moderated by Aileen Anderson, Ph.D.

Ghazaleh Eskandari-Sedighi, Ph.D. - UC Irvine, Blurton-Jones Lab **3:30 - 3:50 PM**
*“Protective Human Microglia in a Chimeric Mouse Model of
Alzheimer's Disease”*

Robert Hunt, Ph.D. - UC Irvine **3:50 - 4:30 PM**
“What is an Interneuron”

Clive Svendsen, Ph.D. - Cedars-Sinai **4:30 - 5:10 PM**
*“Treating Neurological Diseases Using iPSC-Derived Astrocyte
Progenitors Engineered to Secrete Growth Factors”*

Closing Remarks by Brian Cummings, Ph.D. & Michael Hicks, Ph.D. **5:10-5:15 PM**

Poster Session
Roaming Dinner & Bar - Boardroom & 4th Floor Main Entrance **5:15 - 6:30 PM**

Awards Ceremony **6:30 - 7 PM**

- Clinical Research Coordinator Training Program
- GMP Facility Operations Training Program
- CIRM Training Grant
- Alpha Clinic Clinical Trial Investigator Training Program
- GMP Professional Training Program
- Student Poster Session Awards & Oral Presenters Recognition

Non-UCI Affiliated Attendees: [Park-By-Plate Link](#)
Event Code: 13SCSS
Please submit your car information to avoid ticketing.

