

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 <i>"Regenerating the Brain"</i>	9:10 - 9:50 AM
---	-----------------------

Lisa A. Flanagan, Ph.D. - UC Irvine <i>"Human Neural Stem Cell and Endothelial Cell Reciprocal Communication Governs Cell Function"</i>	9:50 - 10:30 AM
---	------------------------

Yuan Chen Tsai, Ph.D. - UC Irvine, Watanabe Lab <i>"Morphogen-Guided Neocortical Organoids Recapitulate Regional Areal Identity and Model Neurodevelopmental Disorder Pathology"</i>	10:30 - 10:50 AM
--	-------------------------

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 <i>"Overcoming the HLA barrier to Hematopoietic Stem Cell Transplantation"</i>	11:10 - 11:50 AM
--	-------------------------

Donald B. Kohn, M.D. - UC Los Angeles <i>"Gene Therapy for Blood Cell Diseases"</i>	11:50 - 12:30 PM
---	-------------------------

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

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

Vivian Gama, Ph.D. - Vanderbilt University <i>"The Coordination of Mitochondrial and Peroxisomal Fission Establishes Cell Fate During Neurogenesis"</i>	1:30 - 2:10 PM
---	-----------------------

Katja Piltti, Ph.D. - UC Irvine, Anderson Lab <i>"C1q-BAI1 Regulation of Neural Stem Cell Quiescence, Activation and Metabolic Rewiring"</i>	2:10 - 2:30 PM
--	-----------------------

Symposium Agenda

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, PhD

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.

4:40 - 4:50 PM

Poster Session

Roaming Dinner & Bar - Boardroom & 4th Floor Main Entrance

5 - 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.

