



Date	Time	Track	Presentation Title	Speaker
21-Sep	06:00 - 07:00 AM	Organ -On-A-Chip Technologies	Keynote Presentation: Multi-Organ Human on a Chip Systems for Preclinical Efficacy and Toxicity Evaluations with Live Q&A	James J. Hickman, PhD Co-founder and Chief Scientist, Hesperos, Inc., Founding Director of the NanoScience Technology Center, Professor of Nanoscience Technology, and Electrical Engineering at the University of Central Florida
21-Sep	07:30 - 08:30 AM	Basic Cell Biology	Keynote Presentation: Pathogenetic Mechanisms of Neurodevelopmental Disorders Caused by Dysfunction of Intracellular Transport with Live Q&A	Juan S. Bonifacino, PhD Associate Scientific Director Neurosciences and Cellular and Structural Biology Division (NCSBD) Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) National Institutes of Health (NIH)
21-Sep	09:00 - 10:00 AM	Basic Cell Biology	A Physiologic Role of α -Synuclein in Synaptic Vesicle Recycling	Kayal Madhivanan, PhD Assistant Project Scientist (Roy Lab), University of California, San Diego
21-Sep	12:00 - 01:00 PM	BASIC CELL BIOLOGY	Accelerate Your Research with Luminex's xMAP INTELLIFLEX® - The Technology You Trust, with the Versatility You Need	Sherry Dunbar, PhD Senior Director, Scientific Affairs Program, Luminex A DiaSorin Company
21-Sep	01:30 - 02:30 PM	Quantitative Cell Biology	Biophysical Modeling Suggests an Evolutionary Pathway Linking Cytokinesis, Cell Migration, and Axonal Elongation	Kyle Miller, PhD Associate Professor, Department of Integrative Biology, Michigan State University
21-Sep	06:00 - 06:00 AM	Organ-On-A-Chip Technologies	3D Cell Migration using a Microfluidic Endothelium-on-a-Chip Model	Kristin Bircsak, PhD Principal Scientist, MIMETAS
21-Sep	06:00 - 06:00 AM	Organ-On-A-Chip Technologies	A PBPK-Compliant Human Intestine-Liver-Brain-Kidney Chip for Drug Development	Beren Atac Wagegg, PhD Senior Scientist and Project Manager, TissUse GmbH

21-Sep	06:00 - 06:00 AM	TRANSLATIONAL CELL BIOLOGY	Clinical Development of Medicinal Signaling Cells (HepaStem®) for Liver Regenerative Therapy	Etienne Sokal MD, PhD Hepatologist, Founder and CEO, Cellaion
21-Sep	06:00 - 06:00 AM	Translational Cell Biology	Development of a Bioincubator for The Large-Scale Production of High-Quality Primary Human Hepatocytes	Ryan J. Schulze, Ph.D. Director of Research & Development, Cytotheryx
21-Sep	06:00 - 06:00 AM	Quantitative Cell Biology	In Vivo Force Measurement with Two, One, Half and Zero GFP	Yuan Ren, PhD Postdoctoral Associate, Department of Molecular Biophysics and Biochemistry, Yale University
21-Sep	06:00 - 06:00 AM	Basic Cell Biology	Onco-Golgi and Er Stress: The Drivers of Prostate Cancer Progression	Armen Petrosyan, MD, PhD Associate Professor, Department of Biochemistry and Molecular Biology, University of Nebraska Medical Center
21-Sep	06:00 - 06:00 AM	Basic Cell Biology	Optogenetic Tools for Manipulating Protein Localization and Signaling at Organelle Contact Sites	Lorena Benedetti, PhD Research Scientist, Tim Ryan and Jennifer Lippincott-Schwartz Lab, HHMI Janelia Research Campus
21-Sep	06:00 - 06:00 AM	Organ-On-A-Chip Technologies	Predicting Clinical GI Safety Outcomes Using an In Vitro Human Intestinal Epithelial Model	Bailey Zwarycz, PhD Associate Director, Scientific Business Development, Altis Biosystems
21-Sep	06:00 - 06:00 AM	Organ-On-A-Chip Technologies	The Glomerulus-On-A-Chip as a Platform for Disease Modeling, Drug Screening, Biomarker Discovery and Mechanistic Studies	Stefano Da Sacco, PhD Assistant Professor, Keck School of Medicine, University of Southern California