Date	Time	Track	Presentation Title	Speaker
23-Sep	06:00 - 07:00 AM	Exosomes	Keynote Presentation: MicroRNAs in Extracellular Vesicles orchestrate the biology of the Tumor Microenvironment	Muller Fabbri, MD, PhD Associate Professor, Co-Leader Cancer Biology Program, University of Hawai'i Cancer Center
23-Sep	07:30 - 08:30 AM	Cell Biology of Cancer	Cell Culture Troubleshooting Tips and Tricks	Marina Wiklander, PhD Field Marketing Specialist, Research and Applied Lab Solutions Western Europe, Merck KGaA, Darmstadt, Germany
23-Sep	09:00 - 10:00 AM	Exosomes	Keynote Presentation: Extracellular vesicles in Regenerative Medicine	Benedetta Bussolati, MD, PhD Associate Professor of Nephrology, University of Torino, President of the Italian Society for Extracellular Vesicles - EVIta, Dept. of Molecular Biotechnology and Health Sciences
23-Sep	10:30 - 11:30 AM	Cell Biology of Cancer	iPSC- and patient- derived intestinal organoids for gastrointestinal research	Kevin Su Research Scientist, MilliporeSigma Research and Development
23-Sep	12:00 - 01:00 PM	Organelle Dynamics	Keynote Presentation: Sorting out the mechanisms of endocytic recycling	Steve Caplan, PhD Professor and Vice Chair for Administration, Dept. of Biochemistry and Molecular Biology, Director, UNMC Advanced Microscopy Core Facility, Research Institute-Program Coordinator
23-Sep	01:30 - 02:30 PM	Exosomes	Keynote Presentation: Starting at the source: tissue extracellular vesicles and Alzheimer's disease	Kenneth W. Witwer, PhD Associate Professor, Molecular and Comparative Pathobiology, John Hopkins University School of Medicine
23-Sep	03:00 - 04:00 PM	Extra Cellular Matrices	Beyond the Culture Flask: How Membrane- and Microfluidic-based Platforms can create more Physiologically Relevant Tissue Culture Systems	Jun Park, PhD Senior Scientist, MilliporeSigma

23-Sep	04:30 - 05:30 PM	Cell Biology of Cancer	Anatomy of a nucleic acid sample preparation	Katherine Mechling Scientist II, Technology Development, Molecular Workflow Tools, MilliporeSigma
23-Sep	12:00 - 12:45 AM	Exosomes	Clinical Scale production extracellular vesicles from various cell types in a cGMP compatible 3-D Capillary Bioreactor: from culture dish to 3-D capillary bioreactor	John J.S. Cadwell President and CEO, FiberCell Systems, Inc.
23-Sep	12:00 - 12:05 AM	Exosomes	Current approaches for exosome processing and the emerging importance of subtyping	Jim West III, MS, CEO Clara Biotech
23-Sep	12:00 - 12:45 AM	Cell Biology of Cancer	Deep learning to integrate histology with spatial transcriptomics	James Zou Assistant Professor, Stanford University and Chan-Zuckerberg Investigator
23-Sep	12:00 - 12:45 AM	Extra Cellular Matrices	Extracellular Matrix in Renal Development and Cancer	Astgik Petrosyan, PhD Senior Postdoctoral Research Fellow, GOFARR Laboratory for Organ Regenerative Research and Cell Therapeutics in Urology, Children's Hospital Los Angeles
23-Sep	12:00 - 12:45 AM	Exosomes	Extracellular Vesicles and Chronic Kidney Disease	Sargis Sedrakyan, PhD Assistant Professor of Urology, Children's Hospital Los Angeles; Keck School of Medicine, University of Southern California
23-Sep	12:00 - 12:45 AM	Cell Biology of Cancer	GeoMx Digital Spatial Profiling read-out for Next-Generation Sequencers with the Cancer Transcriptome Atlas (CTA)	Kit Fuhrman GeoMx Digital Spatial Profiler Product Manager - RNA Assays, Nanostring
23-Sep	12:00 - 12:45 AM	Organelle Dynamics	The role of Nox-derived Reactive Oxygen Species in Axonal Growth and Guidance	Daniel M. Suter, PhD Professor of Biological Sciences, Department of Biological Sciences, Purdue University
23-Sep	12:00 - 12:45 AM	Cell Biology of Cancer	Transcriptomic signature : a spatially resolved analysis of the nephron structures in chronic kidney disease	Paolo Cravedi, MD, PhD Associate Professor, Division of Nephrology, Icahn School of Medicine at Mount Sinai