



Date	Time	Track	Presentation Title	Speaker
22-Sep	06:00 - 07:00 AM	Basic Cell Biology	Advanced Enzymes to Facilitate SARS-CoV-2 Research	Li Lavelle
22-Sep	06:00 - 07:00 AM	Extracellular Vesicles	RNA Bead-Based Assays to Detect Tumour Gene Amplifications in Blood-Derived Exosomes	Godfrey Grech, PhD Associate Professor, Department of Pathology, Faculty of Medicine and Surgery, University of Malta
22-Sep	07:30 - 08:30 AM	Basic Cell Biology	Panel Presentation: Concept-to-Commercialization: Thermo Fisher's Unique Approach to Rapidly Advancing Your Antibody and Protein Therapeutics	Steve Lewis Senior Product Manager, Gene Synthesis & Synthetic Biology Jeff Hou, Ph.D Director Scientific & Technical Affairs, Pharma Services
22-Sep	09:00 - 10:00 AM	Basic Cell Biology	Keynote Presentation: Membrane-Cytoskeletal Dynamics in Disease	Mark McNiven, PhD George M Eisenberg Professor of Biochemistry and Molecular Biology; Director, Mayo Center for Biomedical Discovery
22-Sep	10:30 - 11:30 AM	Translational Cell Biology	Advances in High-Throughput Drug Screening Using TrueGel3D® HTS Hydrogel 3D Cell Culture Plates	Nick Asbrock, B.S. Global Product Manager for Stem Cell and 3D Cell Culture
22-Sep	10:30 - 11:30 AM	Basic Cell Biology	Panel Presentation: Cell Biology Applications Using Luminex Flow Cytometry Technologies	Katie Gillis Product Manager, Microcapillary Flow Cytometry, Luminex Corporation Brian E. Hall Product Manager, Image Flow Cytometry, Luminex Corporation Stephanie Brunelle, Ph.D. Product Manager, CellStream, Luminex Corporation

22-Sep	12:00 - 01:00 PM	Basic Cell Biology	Dynamic Live Cell Imaging of Adherent and Immune Cells using CellASIC® ONIX2 Microfluidic Platform	Jun Park, PhD Senior Scientist, MilliporeSigma
22-Sep	11:00 - 11:55 PM	Extracellular Vesicles	Failing Tethers Destabilize Neutrophil Rolling and Form Elongated Neutrophil-Derived Structures (ENDS) in the Blood Circulation	Alex Marki Instructor, Klaus Ley Lab, La Jolla Institute for Immunology
22-Sep	11:59 - 11:59 PM	Quantitative Cell Biology	Measuring Chimeric Antigen T Cell Activation One Molecule at a Time	Shalini Low-Nam, PhD Assistant Professor, Purdue University
22-Sep	11:59 - 11:59 PM	Basic Cell Biology	Mechanisms of Podocyte Damage in Alport Syndrome: Insights from the Alport-on-a-chip System	Astgik Petrosyan, PhD Senior Postdoctoral Research Fellow, GOFARR Laboratory for Organ Regenerative Research and Cell Therapeutics in Urology, Children's Hospital Los Angeles
22-Sep	11:59 - 11:59 PM	Extracellular Vesicles	Methods of Single Vesicle Analysis and Considerations for their Use in Quantifying Extracellular Vesicles	Clayton Deighan, PhD Regional Sales Director, NanoView Biosciences
22-Sep	11:59 - 11:59 PM	Translational Cell Biology	Novel Anti-Bladder Cancer Therapeutics	R. Claudio Aguilar, PhD Associate Professor and Assistant Head, Department of Biological Sciences, Purdue University
22-Sep	11:59 - 11:59 PM	Basic Cell Biology	Regulation of Actin Dynamics by Mical Enzymes	Elena Grintsevich, PhD Assistant Professor, Biochemistry and Cellular Biology, California State University, Long Beach
22-Sep	11:59 - 11:59 PM	Basic Cell Biology	Regulation of Microtubule Dynamics During Growth Cone Guidance and Cell Migration	Laura Anne Lowery, PhD Associate Professor, Boston University Medical Center, Department of Medicine
22-Sep	11:59 - 11:59 PM	Translational Cell Biology	Sensing Biomaterials Topographies Through Mechanotransduction in Engineered Cell Niche	Evelyn KF Yim, PhD Associate Professor, Department of Chemical Engineering, University of Waterloo