



Date	Time	Track	Presentation Title	Speaker
17-Sep	06:30 - 07:30 AM	Emerging Methodologies in Cell Biology	Advancing pre-clinical safety assessment with Advanced Cell Models	Natacha Bohin, PhD Associate Director, Oncology Targeted Discovery Safety, AstraZeneca, Cambridge, UK
17-Sep	07:30 - 08:30 AM	Cell Signaling Pathways	Making small changes for big impact - Paradigm shift from normoxia to physoxia	Dr. Krista Rantenan Baker's Director of Scientific Applications
17-Sep	08:15 - 09:15 AM	Innovations in Cell Culture Techniques	Embodying morphological intelligence in 3D printed gelbots for soft robotics	Dr. Aishwarya Pantula, PhD Postdoctoral Fellow in Biomedical Engineering at Johns Hopkins University
17-Sep	09:00 - 10:00 AM		Keynote Presentation: SuperResNET: Learning in-cell macromolecular architecture from SMLM data w/ Live Q&A	Dr. Ivan Robert Nabi, PhD Professor, University of British Columbia
17-Sep	10:30 - 11:30 AM		Design Your Brightest Research Yet: Tools for Fluorescent Experiment Design Workflows w/ Live Q&A	Padmini Narayanan, PhD Sales Manager, FluoroFinder
17-Sep	11:15 - 12:15 AM	Advanced Microscopy Techniques	Human Organ Chips: Next-Generation In Vitro Models to Advance Human Health	Zohreh Izadifar, PhD Assistant Professor, Boston Children's Hospital, Harvard University
17-Sep	12:00 - 01:00 PM		Networking Hour	Join Us for Networking Opportunities!
17-Sep	01:00 - 02:00 PM	Emerging Methodologies in Cell Biology	Human-on-a-Chip for Translational PK/PD and Disease Modeling: Cardiac Ischemia, a Patient-Specific Model for CMT2S, and the First Digital Twin Informed by an Organ-on-a-Chip System	Chris Long, PhD Director of Engineering and Automation

17-Sep	On Demand	Innovations in Cell Culture Techniques	New Approach Methodologies: Microphysiological Systems for Preclinical Research	Mark Mondrinos, PhD Assistant Professor of Biomedical Engineering
17-Sep	On Demand	Emerging Methodologies in Cell Biology	Using a High-Throughput Microphysiological System to Model ADC- and Chemotherapy-Induced Peripheral Neuropathy	Kristin Bircsak, PhD Senior Scientist, Oncology Targeted Discovery Safety Team at AstraZeneca