



| Date   | Time             | Track                                  | Presentation Title                                                                                                                                                          | Speaker                                                                                                                                                                                                                               |
|--------|------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18-Sep | 09:00 - 10:00 AM | Innovations in Cell Culture Techniques | Keynote Presentation: Applications of Cellular Assays for Understanding Drug Disposition of Protein Therapeutics with Live Q&A                                              | Mark Bryniarski, PhD, MS<br>Principal Scientist, PKDM, Amgen                                                                                                                                                                          |
| 18-Sep | 10:30 - 11:30 AM | Advanced Microscopy Techniques         | Keynote Presentation: Exploring Plasmodium Parasite Cell Division Processes through Expansion Microscopy Visualization with Live Q&A                                        | Sabrina Absalon, PhD<br>Assistant Professor, Indiana University School of Medicine                                                                                                                                                    |
| 18-Sep | 12:00 - 01:00 PM | Emerging Methodologies in Cell Biology | Direct cDNA Synthesis Using Template Switching RT for Highly Sensitive Gene Expression Analysis                                                                             | Laura Pranckėnienė, PhD                                                                                                                                                                                                               |
| 18-Sep | 01:00 - 02:00 PM |                                        | Poster Discussion Hour                                                                                                                                                      | Join Us for Networking Opportunities!                                                                                                                                                                                                 |
| 18-Sep | On Demand        | Advanced Microscopy Techniques         | AI Analysis of Super-Resolution Microscopy: Novel Insight Into Subcellular Structure                                                                                        | Dr. Ivan Robert Nabi, PhD<br>Professor, University of British Columbia                                                                                                                                                                |
| 18-Sep | On Demand        | Emerging Methodologies in Cell Biology | Analysis of The Bile Acid Composition in a Fibroblast Growth Factor 19-Expressing Liver-Humanized Mouse Model and Its Use for CYP3A4-Mediated Drug-Drug Interaction Studies | Robert S. Jones, PhD<br>Principal Scientist, Drug Metabolism & Pharmacokinetics, Genentech Inc.                                                                                                                                       |
| 18-Sep | On Demand        | Innovations in Cell Culture Techniques | Human-On-a-Chip Systems For Use in Therapeutic Index Determination and Systemic Toxicity in Pre-Clinical Drug Discovery Applications                                        | James J. Hickman, PhD<br>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 |
| 18-Sep | On Demand        | Cell Signaling Pathways                | Lessons Learned by Studying a Mucin-Dependent MAPK Pathway in a Model Fungal System                                                                                         | Paul J. Cullen, PhD<br>Professor, State University of New York at Buffalo                                                                                                                                                             |

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| 18-Sep | On Demand | Emerging Methodologies in Cell Biology | Microphysiological Systems Research: Applications in Biopharmaceutics and Advancements in Image Analysis | Eunkyung (Clare) Ko, PhD<br>Scientist at Amgen PKDM<br>Devin Wakefield<br>Senior Scientist, Amgen |
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