



# Cell Biology

VIRTUAL EVENT SERIES

September 20, 2023

| Date   | Time             | Track                                       | Presentation Title   | Speaker   |
|--------|------------------|---|--|---|
| 20-Sep | 06:00 - 07:00 AM | Translational and Quantitative Cell Biology | You Like Puzzles? Try to Put the Pieces in Cancer Together with Live Q&A   | Dr. Christian Regenbrecht<br>Co-founder and CEO, CELLphenomics  |
| 20-Sep | 07:30 - 08:30 AM | Organ-On-A-Chip Technologies                | Keynote Presentation: The NIH Microphysiological Systems Program: Tissue on Chips for Safety, Efficacy, and Precision Medicine Studies with Live Q&A | Danilo A. Tagle, PhD<br>Director, Office of Special Initiatives, National Center for Advancing Translational Sciences, National Institutes of Health                            |
| 20-Sep | 09:00 - 10:00 AM | Fundamentals of Cell Biology                | Keynote Presentation: The Extracellular Vesicle Landscape: From Biomarker Discovery to Therapeutics Opportunities with Live Q&A                      | Paolo Neviani, PhD<br>Director and Founder, Extracellular Vesicle Core Children's Hospital, Los Angeles   |
| 20-Sep | 10:30 - 11:30 AM | Translational and Quantitative Cell Biology | Tools for Accelerating Research Using Next-generation Cell Models with Live Q&A  | Shebna Massey, PhD<br>Associate Product Manager, Sino Biological  |
| 20-Sep | 12:00 - 01:00 PM |   | Reshaping Cell Biology Experiments for Automation  | Russell Green<br>Director of Product Applications, Automata   |
| 20-Sep | On Demand        | Translational and Quantitative Cell Biology | Extracellular Vesicles as Communicators Between Cells - A Role in Cancer Dissemination   | Laurence Blavier Sarte, PhD<br>Staff Scientist, Children's Hospital Los Angeles, Lecturer, University of Southern California  |
| 20-Sep | On Demand        | Spatial Omics-Imaging                       | Hurdles and High Resolution of Spatial Proteomics in the Study of the Alloimmune Microenvironment in Liver Transplant Rejection                      | Arianna Barbetta, MD<br>PhD Student, Department of Infectious Disease, Immunology and Pathogenesis, Dr. Emamaullee Transplant Immunology Lab, University of Southern California |
| 20-Sep | On Demand        | ORGAN-ON-A-CHIP TECHNOLOGIES                | Microfluidic and Spleen-on-a-Chip Studies of Sickle Cell Disease   | Ming Dao, PhD<br>Director and Principal Research Scientist, Nanomechanics Laboratory, Department of Materials Science and Engineering, Massachusetts Institute of Technology    |

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| 20-Sep | On Demand |                              | Microphysiological Systems for Biomaterials Testing and Early Cancer Research | Cristiane Miranda Franca, DDS, MS, PhD<br>Research Assistant Professor, Knight Cancer Precision Biofabrication Hub, Cancer Early Detection Advanced Research Center (CEDAR), Department of Oral Rehabilitation and Biosciences, School of Dentistry |
| 20-Sep | On Demand | Fundamentals of Cell Biology | The Known Unknowns: A Process for Bringing In Vivo CNS Dosing into Maturity   | Matthew Flegal, BS, SRS<br>Associate Director, Charles River Laboratories   |