

Date	Time PDT	Track	Presentation Title	Speaker
26-Sep	6:00-7:00 AM	Imaging	Quantitative Label-Free Imaging and It's Many Applications	Peter O'Toole, PhD Director of the Bioscience Technology Facility, Head of Imaging Cytometry, Department of Biology, University of York Rakesh Suman, PhD Biological Applications Scientist at Phasefocus Ltd.
26-Sep	7:30-8:30 AM	Translational Approaches	Keynote Presentation: Molecular Mechanisms of Gene X Environment Interactions: Possible Relevance for Prevention, Diagnosis and Treatment of Psychiatric Disorders	Elisabeth Binder, PhD Director, Max Planck Institute of Psychiatry
26-Sep	9:00-10:00 AM	Translational Approaches	How to Utilize the Power of CRISPR in Your Research	Ania Wronski, PhD Product Manager, Engineered Cells, Synthego
26-Sep	10:30-11:30 AM	Translational Approaches	Trends and Emerging Applications in Single Cell Genomics	Steven Hoffman Segment Marketing Manager for Single Cell Sequencing, Illumina
26-Sep	12:00-1:00 PM	3D Cell Cultures	3D Cell Cultures and Tissue Clearing: A High Content Confocal Platform for the Complete 3D Characterization of Advanced Cell Models	Michael Johnson, PhD Chief Executive Officer - Visikol Inc.
26-Sep	12:00-1:00 PM	Live Cell Dynamics	Quantifying miRNA and Protein Biomarkers Directly from Challenging Sample Types with FirePlex <sup>®</sup> Technology	Brendan Collins, MS Field Scientific Specialist (East), Multiplex Assays, Abcam Inc.
26-Sep	1:30-2:30 PM	3D Cell Cultures	Two-Dimensional and Three-Dimensional Cell Culture, Does Dimension Really Matter?	Carlemi Calitz, PhD Post-Doctoral Research Fellow at Phamacen North-West University (NWU)
27-Sep	6:00-7:00 AM	Imaging	Fighting Against Air: Physiologic Oxygen and Reproducibility	Alicia Henn, PhD Chief Scientific Officer, BioSpherix
27-Sep	7:30-8:30 AM	Live Cell Dynamics	Keynote Presentation: Mapping the Inner World of the Cell	Bo Huang, PhD Professor, Department of Pharmaceutical Chemistry, Biochemistry and Biophysics, University of California, San Francisco
27-Sep	9:00-10:00 AM	Imaging	How Digital Holographic Microscopy Can Be Used to Explore Cell Movements	Kersti Alm, PhD Application Specialist at Phase Holographic Imaging

27-Sep	10:30-11:30 AM	Imaging	Holotomography Techniques for 3D Label-Free Imaging of Live Cells and Tissues	YongKeun Park, PhD Associate Professor, Department of Physics, KAIST, Director, Time-Reversal Mirror Creative Research Center, Co-Founder and CTO, Tomocube, Inc.
27-Sep	12:00-1:00 PM	Cell Therapy	Development of a Semi-Automated Closed CAR-T Manufacturing Process	Calley Hirsch, PhD Development Engineer / Scientist II, CCRM
27-Sep	1:30-2:30 PM	Cell Therapy	Cilia Abnormalities and Developmental Defects in Lowe Syndrome	R. Claudio Aguilar, PhD Associate Professor and Assistant Head, Department of Biological Sciences, Purdue University