Date	Time	Track	Presentation Title	Speaker
31-Jan	06:00 - 07:00 AM	Optimizing Cell Culture Technology	Overcoming Challenges in EuCODE Cell Culture Platform Development	Weimin Lin, PhD Principal Scientist, Ambrx
31-Jan	07:30 - 08:30 AM	Optimizing Cell Culture Technology	Keynote Presentation: Extracellular Vesicle-Mediated mRNA-Based Gene Delivery for Targeted Treatment of HER2-Positive Breast Cancer in Mice by Prodrugs - A New Gene-Delivered Enzyme Prodrug	A.C. Matin, PhD Professor of Microbiology & Immunology, Department of Microbiology & Immunology, Stanford University School of Medicine
31-Jan	09:00 - 10:00 AM	Optimizing Cell Culture Technology	Streamlining the Biologics Development Process: From Transient to Stable Production in the ExpiCHO System	Jon Zmuda, PhD Director, Cell Biology, Life Sciences Solutions Group, Thermo Fisher Scientific
31-Jan	10:30 - 11:30 AM	Optimizing Cell Culture Technology	Flow-Through Polishing and The Use of Multi-Mode Ligand Libraries to Improve Process Efficiencies	Buzz Lobbezoo Product Support and Development Manager at Astrea Bioseparations Ltd.
31-Jan	10:30 - 11:30 AM	Bioproduction: Scale, Bioreactors & Disposables	Overcoming Limitations of Conventional Tag Systems - Strep-Tactin® XT Applications	Dennis Karthaus, MS Scientist and Team Leader, Cell Cultivation, IBA Life Sciences
31-Jan	12:00 - 01:00 PM	Cell Therapy and Manufacturing	Development of Recombinant Transgenic Proteins to Probe Cellular Signaling Mechanisms in Preclinical Drug Target Discovery and Drug Development	Peter Koulen, PhD Professor & Felix and Carmen Sabates Missouri Endowed Chair in Vision Research, Departments of Ophthalmology & Biomedical Sciences, University of Missouri - Kansas City, School of Medicine
31-Jan	12:00 - 01:00 PM	Continuous Processing for Biopharmaceuticals	From Start to Finish, Bio-Techne Solutions for Bioprocessing	Christopher Heger, PhD Senior Manager, Applications Science at ProteinSimple, a Bio-Techne Brand

31-Jan	01:30 - 02:30 PM	Optimizing Cell Culture Technology	Standardization of Cell Viability Assays in Primary Cells as a Prerequisite for Novel Bioprocessing Applications	Simon Kaja, PhD Assistant Professor of Ophthalmology and Molecular Pharmacology & Therapeutics, Dr. John P. and Therese E. Mulcahy Endowed Professor in Ophthalmology, Loyola University Chicago