



APRIL 8, 2020
BIOPROCESSING

| Date | Time | Track | Presentation Title | Speaker |
|-------|------------------|-------------------------|--|---|
| 8-Apr | 07:30 - 08:30 AM | Cell and Gene Therapies | Keynote Presentation: New Paradigms in moving toward Point-of-Care Cell Therapy Services in the Hospital | Robert Kruse, MD, PhD Resident Physician, John Hopkins |
| 8-Apr | 09:00 - 10:00 AM | Downstream Processing | Case Study: From Ligand discovery to developing a purification platform and delivering GMP-ready affinity chromatography columns | Buzz Lobbezoo Product Support and Development Manager at Astrea Bioseparations Ltd. |
| 8-Apr | 12:00 - 12:05 AM | Manufacturing | Collaborative Education for Talent of the Future | Sue Behrens George B. and Joy Rathmann Professor in Bioprocessing and Director, Amgen Bioprocessing Center |
| 8-Apr | 12:00 - 12:05 AM | Cell and Gene Therapies | Directed Evolution of Next-Generation AAV Vector Systems for Clinical Gene Therapy | David Schaffer, PhD Professor, UC Berkeley; Director of QB3; Director of Bakar Labs |
| 8-Apr | 12:00 - 12:05 AM | Analytical & Quality | Droplet Digital PCR as a tool for gene therapy application | Nagarjun Kasaraneni, PhD Scientific Consultant, Liliun Therapeutics |
| 8-Apr | 12:00 - 12:05 AM | Manufacturing | Hybrid Modeling and Intensified DoE Enabling Faster Process Development, Soft Sensors and Model Predictive Control | Mark Dürkop, PhD CEO Novasign GmbH, Project Lead BOKU - Department of Biotechnology, University of Natural Resources and Life Sciences, Vienna |
| 8-Apr | 12:00 - 12:05 AM | Analytical & Quality | Macroscopic Modeling of Bioreactors for Recombinant Protein Producing Pichia pastoris in Defined Medium | Moo Sun Hong, MS Researcher at the Massachusetts Institute of Technology (MIT) |
| 8-Apr | 12:00 - 12:05 AM | Analytical & Quality | The NISTmAb and Related Biopharmaceutical Resources | John E. Schiel, PhD Research Chemist, Institute for Bioscience and Biotechnology Research, National Institute of Standards and Technology |