

# Bioprocessing

VIRTUAL EVENT SERIES

April 5, 2023

Date	Time	Track	Presentation Title	Speaker
5-Apr	06:00 - 07:00 AM	Cell, Gene and Nucleic Therapies (Novel Modalities)	Efficient, Reliable and Comprehensive Solution for CGT from Target Discovery to Clinical Development with Live Q&A	Daksha Patel, PhD Senior Segment Marketing Manager, Cell Therapy, GenScript USA Inc.
5-Apr	06:00 - 07:00 AM	Analytical & Quality	The Importance of Digital Lab Platforms and Why Bioprocessing Facilities Need to Adapt Them with Live Q&A	Tyler Gurney, MS Key Account Manager - Lab Digitization Specialist, eLabNext
5-Apr	07:30 - 08:30 AM	Manufacturing	How Digital Bioprocess Twins Can Accelerate Process Development and Enable Model Predictive Control Strategies	Mark Dürkop, PhD CEO Novasign GmbH, Project Lead BOKU - Department of Biotechnology, University of Natural Resources and Life Sciences, Vienna
5-Apr	08:30 - 09:30 AM	Cell, Gene and Nucleic Therapies (Novel Modalities)	Keynote Presentation: Gene Therapy Manufacturing with Live Q&A	Baley Reeves, PhD Interim Director, National Center for Therapeutics Manufacturing, Texas A&M Engineering
5-Apr	09:30 - 10:30 AM	Upstream Processing	Optimizing Clone Selection in Cell Line Development with Live Q&A	Daryl Cole, PhD Applications Scientist, Sartorius
5-Apr	09:30 - 10:30 AM	Drug Discovery & Preclinical Development	Panel Presentation: Multiple Biomarker Analysis made easy with Luminex Multiplex Applications with Live Q&A	Stephen Angeloni, PhD Sr. Field Application Scientist, Luminex Corporation Jacqueline Surls, PhD Director of LuminexPLORE Labs, Luminex Corporation
5-Apr	10:30 - 11:30 AM	Upstream Processing	Keynote Presentation: High-yield Vesicle Packaged Recombinant Protein Production from E. Coli with Live Q&A	Dan Mulvihill, PhD Professor, Cell and Molecular Biology, University of Kent

5-Apr	12:00 - 01:00 PM	Drug Discovery & Preclinical Development	Highly Efficient Therapeutic Antibody Development Solution with Live Q&A	Amanda Grimm, PSM Senior Segment Marketing Manager-ADD, GenScript USA Inc
5-Apr	12:00 - 01:00 PM	Upstream Processing	Human-Induced Pluripotent Stem Cell Expansion in a Stirred 3D System: an Example of Manufacturing Allogeneic Resources for Cell Therapy	Dr. Jorge Escobar Sr. Research Scientist, Bioprocess
5-Apr	01:15 - 02:15 PM	Analytical & Quality	Panel Presentation: N-GLYcanalyzer: An Automated Process Analytical Platform To Enable Continuous Manufacturing Of Biologics	Áron Györgypál, PhD Research Associate, Bioprocessing & Glycomics, Chemical and Biochemical Engineering, Rutgers University Shishir P. S. Chundawat, PhD Associate Professor, Department of Chemical and Biochemical Engineering, Rutgers University
5-Apr	01:30 - 02:30 PM	Cell, Gene and Nucleic Therapies (Novel Modalities)	Advanced mRNA Vaccine Solutions by GenScript with Live Q&A	Roumen Bogoev, MSc Head of Segment Marketing, GenScript USA
5-Apr	01:30 - 02:30 PM	Upstream Processing	Introducing ALiCE® - Simple, scalable, cell-free expression of difficult-to- express proteins with Live Q&A	Charles Williams, PhD Head of System Innovation, LenioBio GmbH
5-Apr	02:30 - 03:30 PM	Cell, Gene and Nucleic Therapies (Novel Modalities)	Development and Manufacturing Strategy for DNA-Based Drug/Vaccine Candidates with Live Q&A	Mark Wei, PhD Sr. Director of Plasmid & Virus Process Development & Manufacturing Department, GenScript ProBio
5-Apr	05:30 - 05:30 AM	Downstream Processing	3D Visualisation and Characterisation of Downstream Bioprocessing Structures to Inform Advanced Designs	Thomas F. Johnson, PhD Senior Research Fellow, Biochemical Engineering, University College London
5-Apr	05:30 - 05:30 AM	Downstream Processing	Antibody Purification via the Unconventional Nucleotide Binding Site	Basar Bilgicer, PhD Professor, Department of Chemical and Biomolecular Engineering, Department of Chemistry and Biochemistry, Mike and Josie Harper Cancer Research Institute, Berthiaume Institute for Precision Health, Center for Rare & Neglected Diseases, University of Notre Dame
5-Apr	05:30 - 05:30 AM	Upstream Processing	Developing a Suite of High-throughput Screens for Use in Engineering Bacterial Protein Secretion	Danielle Tullman-Ercek, PhD Professor, Department of Chemical and Biological Engineering, Co-Director, Center for Synthetic Biology, Director, Master of Biotechnology Program, Northwestern University

5-Apr	05:30 - 05:30 AM	Cell, Gene and Nucleic Therapies (Novel Modalities)	Engineering and Reprogramming Natural Killer Cells for Immunotherapy of Cancer	Sandro Matosevic, PhD Assistant Professor, Department of Industrial and Physical Pharmacy, Purdue University
5-Apr	05:30 - 05:30 AM	Downstream Processing	Purification of Proteins & Peptides by Using Self-removing Tag	Izabela Gierach, PhD, MBA CEO, Co-Founder, Protein Capture Science