

VIRTUAL EVENT SERIES

BIOPROCESSING

APRIL 2, 2025



Date	Time	Track	Presentation Title	Speaker
2-Apr	06:00 - 07:00 AM	Upstream Processing	Achieving High Productivities through Bioreactor Optimization at Lower than Peak Cell Densities in a Perfusion Process	Luis Rodriguez, PhD Bioproduction R&D Manager, FUJIFILM Irvine Scientific
2-Apr	06:00 - 07:00 AM	Cell, Gene and Nucleic Therapies (Novel Modalities)- Manufacturing and Analytics	Advanced Solutions for Gene Therapy Development with Live Q&A	Roumen Bogoev, MSc Head of Segment Marketing, GenScript USA
2-Apr	06:30 - 07:30 AM	Upstream Processing	Panel Presentation: Streamlining Bioprocesses with AI and Single-Use Bioreactors with Live Q&A	Dr. Benjamin Wolters, PhD Application Specialist Christoph van Eickels Product Lifecycle Manager Bioprocess BioBLU
2-Apr	07:30 - 08:30 AM	Analytical & Quality	Keynote Presentation: Quantifying Biological Parameters with Online Flow Cytometry - Boosting Bioprocesses by Providing Single-Cell Data in 24/7 Resolution with Live Q&A	Konstanze Schiessl Chief Scientific Officer, onCyt Microbiology AG
2-Apr	09:00 - 10:00 AM	Downstream Processing	Keynote Presentation: Rational and Combinatorial Design of Peptides for ss-mRNA/ds-mRNA Separation and Purification with Live Q&A	Pankaj Karande, PhD Associate Professor, Chemical and Biological Engineering, Rensselaer Polytechnic Institute
2-Apr	10:30 - 11:30 AM	Drug Discovery & Preclinical Development	Keynote Presentation: Reshaping the Immunotherapy Landscape Through Molecular Engineering with Live Q&A	Jamie B. Spangler, PhD Associate Professor, Johns Hopkins University
2-Apr	11:00 - 12:00 PM		Poster Discussion	Chat Live with Poster Authors!
2-Apr	12:00 - 01:00 PM	Upstream Processing	BalanCD HEK293 Viral Feed: Accelerating AAV and LV Production for Gene and Cell Therapy	Shan Gao, PhD Senior Scientist II, R&D Bioproduction, Fujifilm Irvine Scientific

2-Apr	01:00 - 02:00 PM		Revolutionizing Cell & Ex Vivo Gene Therapy Manufacturing: GenScript's Cutting-Edge Solutions	Daksha Patel, PhD Senior Segment Marketing Manager, Cell Therapy, GenScript USA Inc.
2-Apr	On Demand		Characterization of mRNA Therapeutics Using Liquid Chromatography Based Methods	Nagarjun Kasaraneni, PhD Scientist, Technical Operations, Sana Biotechnology
2-Apr	On Demand	Cell, Gene and Nucleic Therapies (Novel Modalities)- Manufacturing and Analytics	Bioelectronic Oxygen Generating Macrodevices for the Cell-Based Delivery of Protein Therapeutics In Vivo Without Immune Suppression	Dr. Matthew Bochenek, PhD Research Fellow, MIT
2-Apr	On Demand	Cell, Gene and Nucleic Therapies (Novel Modalities)- Manufacturing and Analytics	Directed Evolution of AAV Delivery Systems for Clinical Gene Therapy	David Schaffer, PhD Professor, UC Berkeley; Director of QB3; Director of Bakar Labs
2-Apr	On Demand	Downstream Processing	Future-Proof Design for Sustainable Materials to Enable Purification of Emergent Biologics	Thomas F. Johnson, PhD Lecturer, University College London