



Date	Time	Track	Presentation Title	Speaker
16-Oct	07:30 - 08:30 AM	Emerging Therapeutic Modalities: Current Practices, Challenges, Novel Solutions	Keynote Presentation: Analytical Challenges and Solutions for Enabling Nanoformulations and Non-Viral Modalities for Next-Generation Therapeutics with Live Q&A	Jelle Penders, PhD CEO CTO Founder SPARTA Biodiscovery
16-Oct	09:00 - 10:00 AM	Revolutionary Technologies: Present and Future of Cell and Gene Therapy	Keynote Presentation: The Trials & Tribulations of the Clinical Diagnostic Landscape with Live Q&A	Lesley E. Northrop, PhD, FACMG Chief Diagnostic Officer Everly Health
16-Oct	10:00 - 11:00 AM		Poster Discussion Hour	Chat Live with Poster Authors!
16-Oct	10:30 - 11:30 AM	Bioanalysis of Novel Therapeutic Modalities: Advancements and Challenges	Design and Evaluation of a Multiplexed Assay to Assess Human Immunogenicity Against Humira®	Paul Rhyne, PhD Bioassay Development Lead
16-Oct	12:00 - 01:00 PM		Navigate CGT Success: Align cGMP Gene Editing with Regulatory Frameworks	Daksha Patel, PhD Senior Segment Marketing Manager, Cell Therapy, GenScript USA Inc.
16-Oct	01:00 - 01:30 PM	Revolutionary Technologies: Present and Future of Cell and Gene Therapy	Optimization of a CD4+ T Cell Long-term Expansion Process in Stirred-Tank Bioreactors	Françoise de Longueville Dr. rer. nat. Research Scientist
16-Oct	01:30 - 02:30 PM	Development of Cell and Gene Therapies to Treat, Prevent, and Potentially Cure Diseases	Advanced solutions for the development of Gene Therapies	Roumen Bogoev, MSc Head of Segment Marketing, GenScript USA
16-Oct	On Demand	Emerging Therapeutic Modalities: Current Practices, Challenges, Novel Solutions	Gene therapy - Discover how it works, Pros and Cons of Viral Vectors Platforms Genetic Regulation	Selene Ingusci, PhD Postdoctoral Associate
16-Oct	On Demand	Emerging Therapeutic Modalities: Current Practices, Challenges, Novel Solutions	Hypertonic Saline Remarkably Enhances Gene Transfer to Airway Epithelial Cells	Ashley Cooney, PhD Postdoctoral Scholar, The University of Iowa

16-Oct	On Demand	Emerging Therapeutic Modalities: Current Practices, Challenges, Novel Solutions	In Vivo Correction of Human Phenylketonuria Variants via Prime Editing and Base Editing: A Gateway to Equitable Treatment of Inborn Errors of Metabolism	Xiao Wang, PhD Research Assistant Professor of Medicine (Cardiovascular Medicine)
16-Oct	On Demand	Revolutionary Technologies: Present and Future of Cell and Gene Therapy	Optimizing Nucleic Acid Extraction: Accelerating Progress and Ensuring Quality in Cell and Gene Therapy Development	Thomas Winkelmüller, PhD Sales Manager, BioEcho Life Sciences
16-Oct	On Demand	Development of Cell and Gene Therapies to Treat, Prevent, and Potentially Cure Diseases	The Journey From Discovery to Therapy Begins With a Single Cell	Egon Ranghini Sr. Science & Technology Advisor