



Date	Time	Track	Presentation Title	Speaker
1-Nov	06:00 - 07:00 AM	CRISPR in Disease Therapy	GenScript's Solution for Advancing the Development of CRISPR Gene Therapy with Live Q&A	Jiajun Mei, MS Segment Marketing Manager, Gene Therapy, GenScript Biotech
1-Nov	07:30 - 08:30 AM	CRISPR in Diagnostics	Keynote Presentation: Microfluidics and CRISPR-Diagnostics/Therapy with Live Q&A	Xingyu Jiang, PhD Chair Professor of Biomedical Engineering, Southern University of Science and Technology
1-Nov	09:00 - 10:00 AM	CRISPR in Diagnostics	Keynote Presentation: Design and Translation of Ultrasensitive Diagnostics	Molly Stevens, FEng FRS Kavli Institute for Nanoscience Discovery, Department of Physiology, Anatomy and Genetics, Department of Engineering Science, John Black Professor, Bionanoscience University of Oxford
1-Nov	10:30 - 11:30 AM	CRISPR in Disease Therapy	Unleashing the Power of Non-Viral Gene Editing: Transforming Cell Therapy Development with Live Q&A	Lumeng Ye, PhD Director of Novel Therapeutic Material Development, R&D department
1-Nov	12:00 - 01:00 PM	CRISPR Biology and Biotechnology	Nucleic Acid Electrophoresis Basics Revisited with Live Q&A	Thant Zhu, PhD Market Development Manager, ThermoFisher Scientific
1-Nov	On Demand	CRISPR in Diagnostics	Building Amplification-Free CRISPR/Cas Biosensors Through Autocatalysis Reaction Induced by Circular DNA Nanostructure	Yi Li, PhD Research Associate, Graduate School of BioMedical Engineering
1-Nov	On Demand	CRISPR in Diagnostics	CRISPR/Cas Biosensing System: Opportunities and Challenges	Guozhen Liu, PhD Professor of Biomedical Engineering, Head of Biomedical Engineering Programme, Director of CUHKSZ-Boyalife Joint Laboratory of Regenerative Medicine Engineering, Team Leader of Integrated Devices and Intelligent Diagnostics (ID2) Laboratory, The Chinese University of Hong Kong, Shenzhen, China

1-Nov	On Demand	CRISPR in Diagnostics	Molecular Diagnosis Enabled by Dynamic DNA Assembly and CRISPR Cas Toolbox	Feng Li, PhD Professor, College of Chemistry, Sichuan University
1-Nov	On Demand	CRISPR in Diagnostics	Reports of CRISPR-Based Assays Exhibit Gross Errors but CRISPR Offers High Specificity	Juan G. Santiago, PhD Charles Lee Powell Foundation Professor, Vice Chair of Mechanical Engineering, Stanford University
1-Nov	On Demand	CRISPR in Diagnostics	CRISPR-Based Diagnostics of Kidney Disease	Michael M. Kaminski Clinician-Scientist, Berlin Institute for Medical Systems Biology (BIMSB), Max-Delbrück-Center for Molecular Medicine in the Helmholtz-Association
1-Nov	On Demand	CRISPR Biology and Biotechnology	CRISPR-Enabled Gene Regulation Tools for Biotechnology Applications	Prof. Baojun Wang Qiushi Distinguished Professor, Director, ZJU-HIC Institute of Synthetic Biology, Zhejiang University
1-Nov	On Demand	CRISPR in Diagnostics	Engineering CRISPR/Cas12 Components Toward Simple and Robust Next-Generation Diagnostics	Piyush K. Jain, PhD Shah Rising Star Assistant Professor, Department of Chemical Engineering, University of Florida
1-Nov	On Demand	CRISPR Biology and Biotechnology	Leveraging Natural Systems for Large Genomic Insertions in Mammalian Cells	Cian Schmitt-Ulms PhD Candidate, Brain and Cognitive Sciences at MIT
1-Nov	On Demand	CRISPR in Disease Therapy	Rare Disease Challenge (RaDiChal) to Cure Rare Diseases by Using CRISPR	Prof. Cihan Taştan, PhD Founder and Managing Director, hiDNA
1-Nov	On Demand	CRISPR in Diagnostics	Smartphone Diagnostics Meets CRISPR	Qingshan Wei, PhD Associate Professor, Chemical & Biomolecular Engineering, North Carolina State University