



| 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 |

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| 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 |