



| Date | Time | Track | Presentation Title | Speaker |
|--------|------------------|--|---|---|
| 29-Sep | 06:00 - 07:00 AM | CRISPR Biology | Improved Methods for CRISPR HDR Research Using Alt-R™ Modified Donors and Alt-R HDR Enhancer V2 | Jessica Woodley Research Scientist, Molecular Genetics Research Group at IDT |
| 29-Sep | 07:30 - 08:30 AM | CRISPR in Disease | Keynote Presentation: CRISPR Powered Biosensors | Can Dincer, PhD Junior Research Group Leader, University of Freiburg, Department of Microsystems Engineering-IMTEK |
| 29-Sep | 09:00 - 10:00 AM | CRISPR Biology | Panel Presentation: Harnessing Novel CRISPR Systems for Transcriptome Engineering | Omar Abudayyeh, PhD Fellow, McGovern Institute for Brain Research at MIT Jonathan Gootenberg, PhD Fellow, McGovern Institute for Brain Research at MIT |
| 29-Sep | 10:30 - 11:30 AM | Ethics and Perspectives on CRISPR Medical Applications | Advances in CRISPR Screens: Gene Modulation and Single-Cell Analysis Provide New Insights | Gurpreet Balrey, PhD Head of Business for EMEA, Merck KGaA |
| 29-Sep | 10:30 - 11:30 AM | CRISPR Biology | Breaking Down the Complexities of Cell Analysis with the MACSQuant® VYB Flow Cytometer | Sarah Schuett Flow Cytometry Specialist, Miltenyi Biotec |
| 29-Sep | 12:00 - 01:00 PM | CRISPR in Disease | How Can You Characterize Your CRISPR Gene Edits Faster and Easier? | Domenica Martorana, PhD Research and Development Scientist, QIAGEN |
| 29-Sep | 11:59 - 11:59 PM | CRISPR in Disease | Affinity Based CRISPR Diagnostics for Resource Limited Settings | Debojyoti Chakraborty, PhD Principal Scientist, EMBO Young Investigator, CSIR-Institute of Genomics and Integrative Biology |
| 29-Sep | 11:59 - 11:59 PM | CRISPR in Disease | An Instrument-free CRISPR-based Face Mask Sensor for COVID-19 | Peter Q. Nguyen, PhD Research Scientist - Microbiology & Cellular Devices, Wyss Institute, Harvard University |

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| 29-Sep | 11:59 - 11:59 PM | CRISPR in Disease | CRISPR-Based Point-of-Care Diagnostics of SARS-CoV-2 | Changchun Liu, PhD Associate Professor, Department of Biomedical Engineering, University of Connecticut Health Center |
| 29-Sep | 11:59 - 11:59 PM | CRISPR in Disease | Detecting SARS-CoV-2 with CRISPR | Sarah Shapiro, PhD Senior Engineer, Mammoth Biosciences |
| 29-Sep | 11:59 - 11:59 PM | CRISPR in Disease | Nanoparticle Based Delivery of Gene Editing Enzymes | Niren Murthy, PhD Professor, Department of Bioengineering UC Berkeley- innovative Genomics Institute |