CRISPR VIRTUAL EVENT SERIES
NOVEMBER 2, 2022

Date	Time	Track	Presentation Title	Speaker
2-Nov	06:00 - 07:00 AM	CRISPR in Disease Therapy	From Bench to Bedside: Targeted Gene Editing	Jennifer Bennett, PhD Product Manager, MilliporeSigma
2-Nov	07:30 - 08:30 AM	CRISPR in Diagnostics	Keynote Presentation: Engineered LwaCas13a with Enhanced Collateral Activity for Nucleic Acid Detection	Xue Sherry Gao, PhD Ted N. Law Assistant Professor, Department of Chemical and Biomolecular Engineering, Rice University
2-Nov	09:00 - 10:00 AM	CRISPR in Diagnostics	Keynote Presentation: CRISPR-Powered Multiplexed Biosensor for Point-of-Care Management of Infectious Diseases with Live Q&A	Can Dincer, PhD Junior Research Group Leader, University of Freiburg, Department of Microsytems Engineering-IMTEK
2-Nov	10:30 - 11:30 AM	CRISPR Biology	Panel Presentation: New Molecular Technologies for Genome Editing and Cell Control	Omar Abudayyeh, PhD Fellow, McGovern Institute for Brain Research at MIT Jonathan Gootenberg, PhD Fellow, McGovern Institute for Brain Research at MIT
2-Nov	12:00 - 01:00 PM	CRISPR Biology	Innovative Tools for Efficient CRISPR-Cas Genome Engineering	Gavin Kurgan, PhD Bioinformatics Applications Manager, Integrated DNA Technologies
2-Nov	06:00 - 06:00 AM	CRISPR in Diagnostics	A CRISPR/Cas12a-Assisted in Vitro Diagnostic Tool for Identification and Quantification of Single CpG Methylation Sites	Nienke van Dongen, MSc Postdoctoral Research, BIOS Lab on a chip Group, University of Twente
2-Nov	06:00 - 06:00 AM		A Lab-on-a-Chip for the Concurrent Electrochemical Detection of SARS-CoV-2 Nucleic Acids and Anti-SARS-CoV-2 Antibodies in Saliva	Devora Najjar, PhD Research Assistant, MIT Media Lab (Under Prof. Joe Paradiso) and (Prof. Jim Collins/Wyss Institute)
2-Nov	06:00 - 06:00 AM	CRISPR Biology	CRISPR Base Editor and Prime Editor Toolbox and Applications	Prof. Cihan Taştan, PhD Founder and Managing Director, hiDNA
2-Nov	06:00 - 06:00 AM	CRISPR in Diagnostics	CRISPR-based Microfluidic Biosensing Systems for Molecular Diagnostics	Changchun Liu, PhD Associate Professor, Department of Biomedical Engineering, University of Connecticut Health Center

2-Nov	06:00 - 06:00 AM	CRISPR in Diagnostics	CRISPR/Cas-Enabled Paper Microfluidics Device for Rapid Diagnosis	Zhugen Yang, PhD Senior Lecturer in Sensor Technology, School of Water, Energy and Environment, Cranfield University, UK
2-Nov	06:00 - 06:00 AM	CRISPR in Diagnostics	Detecting Viruses with CRISPR	Cameron Myhrvold, PhD Assistant Professor of Molecular Biology, Princeton University
2-Nov	06:00 - 06:00 AM		Dynamics and Mechanisms of CRISPR-Cas9 Through the Lens of Computational Methods	Giulia Palermo, PhD Computational Biophysicist, Assistant Professor; University of California Riverside, Department of Bioengineering and Chemistry
2-Nov	06:00 - 06:00 AM	CRISPR in Disease Therapy	Functional Genomic Interrogation of Tumor Evolution	Kris C. Wood, PhD Associate Professor, Department of Pharmacology and Cancer Biology, Duke University
2-Nov	06:00 - 06:00 AM	CRISPR in Diagnostics	Minimally Instrumented SHERLOCK (miSHERLOCK) for CRISPR-Based Point-of-Care Diagnosis of SARS-CoV-2 and Emerging Variants	Helena de Puig, PhD Postdoctoral Fellow in James Collin's Laboratory, Wyss Institute for Biologically Inspired Engineering, Harvard University
2-Nov	06:00 - 06:00 AM	CRISPR in Disease Therapy	Precise Therapeutic Genome Editing with Engineered, PAM Flexible Orthogonal CRISPR Proteins	Debojyoti Chakraborty, PhD Principal Scientist, EMBO Young Investigator, CSIR-Institute of Genomics and Integrative Biology