



Date	Time	Track	Presentation Title	Speaker
22-Oct	06:00 - 07:00 AM		Simplifying Pathogen Detection: Isothermal Amplification for Point-of-Care Applications	Nina Pollak, PhD, DipBus, AFHEA Research Fellow, Centre for Bioinnovation, University of the Sunshine Coast (UniSC)
22-Oct	07:30 - 08:30 AM	Advances in CRISPR Technology	Keynote Presentation: Efficient and Precise duplication and Inversion of Genomic DNA from Large to Chromosomal Scale W/ Live Q&A	Dr. Hao Yin Hongyi Distinguished Professor at Wuhan University in China
22-Oct	09:00 - 10:00 AM		Keynote Presentation: CRISPR-Enabled Directed Evolution of Enhanced Oncolytic Viruses for Cancer Gene Therapy w/ Live Q&A	David Schaffer, PhD Professor, UC Berkeley; Director of QB3; Director of Bakar Labs
22-Oct	10:30 - 11:30 AM		Stricter Precision: Enhanced Dual-Level Control of Inducible Cas9 Systems for Regulating Functional Gene Expression w/ Live Q&A	Clarence Mills Senior Scientist, Revvity Emily Feldman, PhD Senior Scientist, Revvity
22-Oct	12:00 - 01:00 PM		Comprehensive genetic manipulation of cellular therapies	Theodore Roth, MD, PhD Assistant Professor, Stanford University
22-Oct	12:00 - 01:00 PM		Networking Hour	Join Us for Networking Opportunities!
22-Oct	01:00 - 02:00 PM		From Discovery to Clinic: Comprehensive CRISPR Solutions for Therapeutic Development / mRNA-LNP Strategies for Gene Editing Application	Roumen Bogoev, MSc Head of Segment Marketing, GenScript USA Ping-Jun Lin, MSc Development Scientist
22-Oct	02:00 - 03:00 PM		Keynote Presentation: Advantages and Disadvantages of Using CRISPR-Cas9 for Model Generation	Elisa Giunti, PhD Scientific Solutions Consultant Chris Raymond, PhD Scientific Solutions Consultant Patrick Gordon, PhD Associate Director, Scientific Solutions

22-Oct	On Demand	Advances in CRISPR Technology	CRISPR-based technologies for studying RNA	Cameron A. Myhrvold, PhD Assistant Professor of Molecular Biology
22-Oct	On Demand	CRISPR in Medicine and Gene Therapy	CRISPR-driven discovery and engineering of next-generation CAR-NK therapies	Lei Peng, PhD Associate Research Scientist
22-Oct	On Demand	CRISPR in Medicine and Gene Therapy	Delivering mRNA with non-immunogenic lipid nanoparticles	Niren Murthy, PhD Professor
22-Oct	On Demand	CRISPR Diagnostics	Development of diagnostic platform using CRISPR/Cas systems	Dr. Taejoon Kang Principal Researcher at the Bionanotechnology Research Center of the Korea Research Institute of Bioscience and Biotechnology (KRIBB)
22-Oct	On Demand	CRISPR Diagnostics	Molecular diagnosis and infectious disease prediction under one Health	Kun Yin, PhD Professor, Shanghai Jiao Tong University
22-Oct	On Demand	CRISPR Diagnostics	SEEKER: CRISPR-powered keyword search engine in DNA data storage Shortened version: A search engine for DNA archives	Dr. Jiongyu Zhang, PhD Postdoctoral fellow in the Department of Biomedical Engineering at the University of Connecticut Health Center