Date	Time PDT	Track	Presentation Title	Speaker
27-Sep	6:00-7:00 AM	Cytoskeletal Dynamics, Mechanics, and Cell Motility	Regulation of microtubule plus-end dynamics during axon guidance and cell migration	Laura Lowery, PhD Assistant Professor of Biology, Boston College
27-Sep	7:30-8:30 AM	Evolutionary Cell Biology	Keynote Presentation: What Microscopy Can Tell Us About the Life of an mRNA in Living Cells	Robert Singer, PhD Professor & Co-Chair of Anatomy & Structural Biology, Albert Einstein College of Medicine
27-Sep	9:00-10:00 AM	Cytoskeletal Dynamics, Mechanics, and Cell Motility	Regulation of actin during cell migration by nucleotide coding sequence and arginylation	Anna Kashina, PhD Professor of Biochemistry, University of Pennsylvania
27-Sep	10:30-11:30 AM	Cell Biology of Neurons	Combining Seahorse XF analysis with stable isotope tracing to reveal novel drug targets for metabolic and neurodegenerative disease	Ajit Divakaruni, PhD Assistant Professor, Molecular and Medical Pharmacology, University of California Los Angeles (UCLA)
27-Sep	12:00-1:00 PM	Evolutionary Cell Biology	CRISPR-Cas9 genome engineering: Experimental Design and Applications	Danielle Folkard Product Manager, Horizon Discovery
27-Sep	12:00-1:00 PM	Multicellular Interactions, Tissues and Organs	Enhancing Checkpoint Blockade in Lymphoma with In Situ Vaccination	Joshua Brody, MD Assistant Professor, Hematology and Medical Oncology Director, Lymphoma Immunotherapy Program, Icahn School of Medicine at Mount Sinai
27-Sep	1:30-2:30 PM	Evolutionary Cell Biology	Evolutionary Cell Biology is a powerful paradigm to study complex biological systems	Idan Frumkin, PhD Graduate Student, Department of Molecular Genetics, Weizmann Institute of Science
28-Sep	6:00-7:00 AM	Cytoskeletal Dynamics, Mechanics, and Cell Motility	The axolotl salamander as a model for nerve-dependent regeneration	Johanna Farkas, PhD Post Doc: Biologist, Northeastern University
28-Sep	7:30-8:30 AM	Data Analysis and Informatics	Keynote Presentation: RNA-targeting CRISPR and application to diseases	Gene Yeo, PhD Principal Investigator, Professor, UCSD
28-Sep	9:00-10:00 AM	Multicellular Interactions, Tissues and Organs	Fine tuning of myosin activity shapes actomyosin network organization and tissue contractility of the C. elegans spermatheca	Alison Wirshing, PhD Graduate Student, Northeastern University

28-Sep	10:30-11:30 AM	Stem Cell Biology	Engineering stem cell biology for disease modelling and therapeutics	Amr Abdeen, PhD Postdoctoral Associate, University of Wisconsin-Madison
28-Sep	12:00-1:00 PM	Evolutionary Cell Biology	Back to basics: Fundamental concepts and special considerations in RNA isolation	Abhishek Sharma Senior Global Market Manager, Sample Technologies, QIAGEN
28-Sep	1:30-2:30 PM	Data Analysis and Informatics	The RRID Initiative, what is needed for scholarship in the 21st century	Anita Bandrowski, PhD Scientific Lead, Neuroscience Information Framework, Center for Research in Biological Systems, University of California at San Diego, San Diego, California, USA; Founder and CEO of SciCrunc