Date	Time PDT	Track	Presentation Title	Speaker
13-Sep	6:00-7:00 AM	Virology and Bacteriology	Microbe Wars: The Rise of CRISPR Immunity and Technology	Megan Hochstrasser, PhD Science Communications Manager, Innovative Genomics Institute
13-Sep	6:00-7:00 AM	Beneficial Microbes	Next-generation probiotics targeting C. difficile infection	Jennifer Spinler, PhD Instructor, Pathology & Immunology, Baylor College of Medicine
13-Sep	7:30-8:30 AM	Virology and Bacteriology	Keynote Presentation: Using phage to select for evolution of reduced virulence in pathogenic bacteria	Paul Turner, PhD Henry Ford II Professor and Departmental Chair of Ecology and Evolutionary Biology, Microbiology Faculty, Yale School of Medicine
13-Sep	9:00-10:00 AM	Immune Biomarkers: The Promises of Gene Sequencing and Personalized Medicine	How Biomarker Testing Shapes Immunotherapy	Condie Carmack, PhD Vice President of Precision Oncology, Vela Dx
13-Sep	9:00-10:00 AM	Virology and Bacteriology	Insights into virus replication: the role of co-opted host proteins and lipids	Peter Nagy, PhD Professor, Department of Plant Pathology, University of Kentucky
13-Sep	10:30-11:30 AM	Food Microbiology	The Science of Farm to Table: Sourdough Bread as a Microcosm of the Global Food Crisis	Rob Dunn, PhD Professor, Applied Ecology, NC State University
13-Sep	12:00-1:00 PM	Immune Biomarkers: The Promises of Gene Sequencing and Personalized Medicine	High Resolution Outbreak Tracing and Resistance Detection using Whole Genome Sequencing in the case of a Mycobacterium tuberculosis Outbreak	Winnie Ridderberg, PhD Senior Scientist, Microbial Genomics, QIAGEN
13-Sep	1:30-2:30 PM	Virology and Bacteriology	Integration of the Simplexa C. difficile Direct assay in a two-step algorithm for the laboratory diagnosis of C. difficile	James Snyder, PhD Professor of Pathology and Laboratory Medicine, University of Louisville
13-Sep	1:30-2:30 PM	Antimicrobial	The escalating challenges of antimicrobial resistance and the efforts to conquer these threats	Glenn Tillotson, PhD, FIDSA, FCCP Consultant Medical Microbiologist
14-Sep	6:00-7:00 AM	Virology and Bacteriology	A neo-virus lifestyle exhibited by a (+)ssRNA virus hosted in an unrelated dsRNA virus: taxonomic and evolutionary considerations	Nobuhiro Suzuki, PhD Professor, Institute of Plant Science and Resources, Okayama University
14-Sep	6:00-7:00 AM	Beneficial Microbes	BENEFICIAL MICROBES: Sharing of the Microbial Informational Library	John Thomas, PhD Professor Emeritus, WVU School of Medicine Certified, "High Complexity Clinical Laboratory Director" (HCLD)(ABB)

14-Sep	7:30-8:30 AM	Antimicrobial	Keynote Presentation: A Mechanistic Approach to Overcoming Antibacterial Drug Resistance	Neil Osheroff, PhD Professor of Biochemistry, John Coniglio Chair in Biochemistry, Vanderbilt University School of Medicine
14-Sep	9:00-10:00 AM	Beneficial Microbes	Development of tools enabling tunable, in situ delivery of therapeutics using probiotics	Nathan Crook, PhD Postdoctoral Research Scholar , Washington University School of Medicine
14-Sep	10:30-11:30 AM	Virology and Bacteriology	Clinical and Laboratory Studies of Zika Virus Infection	Charles Chiu, MD, PhD Associate Professor, Laboratory Medicine and Medicine / Infectious Diseases Director, UCSF-Abbott Viral Diagnostics and Discovery Center Associate Director, UCSF Clinical Microbiology Laborat
14-Sep	10:30-11:30 AM	Antimicrobial	Sex as a Biological Variable in Microbial Pathogenesis	Sabra Klein, PhD Associate Professor, Molecular Microbiology and Immunology, Biochemistry and Molecular Biology, Johns Hopkins Bloomberg School of Public Health
14-Sep	12:00-1:00 PM	Virology and Bacteriology	How to deploy a portable lab for the surveillance of emerging infectious diseases	Josh Quick Research Fellow, University of Birmingham
14-Sep	1:30-2:30 PM	Antimicrobial	Clinical and Economic Benefits of Faster Phenotypic Antimicrobial Susceptibility Testing	Levi Kirwin Director, Commercial Marketing, Accelerate Diagnostics
14-Sep	1:30-2:30 PM	Virology and Bacteriology	Dissecting the ecological and molecular mechanisms underlying the interaction between plant viruses and their insect vectors	Punya Nachappa, PhD Associate Professor, Department of Biology, Purdue University