



ASM Washington, D.C. Branch
April 12, 2024
Howard University



Start	End	Description
9:00 am	9:45 am	Check-In
10:00 am	10:15 am	Welcome Dr. Kileen Shier President, DC Branch of ASM
10:15 am	10:45 am	Howard University Researcher Spotlight Revealing the Genetics of Bacterially Mediated Iodine Transformation in the Subsurface Dr. Courtney Robinson Associate Professor and Interim Chair, Department of Biology
11:15 am	12:25 pm	Lightning Talks and Early Career Talks 11:00 am-Dr. Ben Liu-Acute Inflammatory Cytokine Profiles and Dynamic Changes of Serum Anti-MPXV IgG Profiles in Mpox (Monkeypox) Virus (MPXV) and HIV Co-infected Young Adults 11:15 am-Papa Hoyeck- Resistance of FPN Q248H to Hecidin and Its Effects On HIV-1 Infection 11:20 am- Dongxiao Liu-Bromopalmitate Depletes Lipid Droplets to Inhibit Viral Replication 11:25 am-Aryaan Duggal-Using Synthetic Herpes Simplex Virus to Study Viral Pathogenesis and Develop Cancer Therapeutics 11:30 am- Dr. Sarah Alobaid-Poly-gamma-glutamic acid synthesis locus in Francisella 11:45 am- Marcelle C. dos Santos Ferreira-Identification of a Second Branched-Chain Fatty Acid Synthesis Pathway in Staphylococcus aureus 11:50 am-Ananya Hota-SroA Modulates the Levels of Staphyloxanthin Pigment in Staphylococcus aureus 11:55 am-Dr. Ankur Bothra-Environmental Regulation of Toxin Production in Bacillus anthracis 12:10 pm- Dr. Tiffany M. Zarrella- Interspecies Surfactants Serve as Public Goods Enabling Surface Motility in Pseudomonas aeruginosa 12:25-12:40 pm-Questions for speakers
12:40 pm	1:25 pm	Lunch (provided)
1:30 pm	2:30 pm	1:30 pm-Ashley Carpenter and Lulu Alsalih-A Synthetic Antimicrobial Peptide Inspired by American Alligator Combats Multidrug Resistant Gram-negative Bacteria. 1:35 pm- Alexis Painter-Linking Managanese Reduction to Hydrocarbon Degradation 1:40 pm-Dr. Namita Kumari- Deciphering a Novel Physiological State in Streptomyces minutiscleroticus' Deep Non-Growing Cell 1:55 pm-Tamunobelema Solomon-Time Series Analysis of SARS-CoV-2 N-genes detected in wastewater samples in Baltimore

		<p>2:00 pm-Jonathan Nicklas-Candida auris Lipid Metabolism genes Upregulated in Skin-Like Media</p> <p>2:05 pm-Shantol H. Graham-Hyatt-APOE Genotype-Dependent Effects of Exercise on Gut Microbial Composition in Mice.</p> <p>2:10 pm- Sahmod Earls- Harnessing the power of gut microbiome metagenomics analysis to understand prevalence of select potentially pathogenic and zoonotic bacteria in animals</p> <p>2:25-2:35 pm-Questions for speakers</p>
2:35 pm	2:45 pm	Break and RAFFLE
2:45 pm	3:45 pm	<p>ASM Distinguished Lecturer Bacterial Mimicry of Viruses. Dr. Joanne Engel Chief, Division of Infectious Disease, Department of Medicine; Director, Microbial Pathogenesis and Host Defense Program; Professor, Department of Medicine, University of California San Francisco</p>
3:45 pm	4:00 pm	<p>Concluding Remarks Dr. Karl Thompson President-Elect, DC Branch of ASM</p>
4:45 pm		Networking, Career Panel, and Social Mixer