Poster Session I : 12-12:45pm (#1-40)			
Poster #	First Name	Last Name	Poster Title
1	Iris	Arevalo	Role of Antibiotic-Inactivating Bacteria Protecting Gut Commensals
2	Somrita	Basu	Deciphering the role of Toxoplasma effectors MYR1, TEEGR, and IST in parasite persistence and
3	Priscila	Brandao	Rapid Fire MS–Based Orthogonal Validation of 20S Proteasome Inhibitors
4	Laura	Britt	Mycobacterial actin-based motility effector, MirA, exhibits dynamic localization on the bacterial surface
5	Nick	Campbell-Kruger	A highly conserved two-gene operon is crucial for lipoarabinomannan localization, pathogenesis, and cell envelope function in Mycobacterium abscessus
6	Pedro H	Carneiro	Cigarette Smoke Enhances F. nucleatum Internalization Through Aryl Hydrocarbon Receptor Signaling
7	Carissa	Chan	Translational regulation coordinates vacuolar escape and cell-to-cell spread in the intracellular pathogen
8	Alfredo	Chavez-Arroyo	Decoding a probiotic: Uncovering E. coli Nissle's metabolic landscape during Salmonella infection.
9	Jonathan Chiu-Chun	Chou	PlasTracker, a longitudinal Hi-C sequencing analysis tool to track plasmid
10	Jane	Cook	Streamlining comparative epigenomics for microbes with ADAMM
11	Apoorva	Dabholkar	Characterizing macrophage dependent spherulation in Coccidioidies
12	Rama	Drwich	Modulating Reactive Oxygen Species to Promote Antibiotic Induced Cell Death in Mycobacterium
13	Linda	Del Cid	Genome-wide screen in Mycobacterium tuberculosis infected macrophages reveals innate regulation of
14	Eric	Delgado	Investigating The Role of MyD88 in Modulating Susceptibility to Streptococcus pneumoniae in Zebrafish
15	Yasveck	Duran Ramirez	Investigating Lactate Permease Genes and Their Role in Helicobacter pylori Pathogenesis
16	Kevin	Eislmayr	Innate immune response to Shigella
17	Yasmine	Elshenawi	The Helicobacter pylori ribosomal silencing factor RsfS is required for low-growth states and chronic
18	Caldwell	Feid	Developing Mycobacterium smegmatis as a more relevant model of leaderless mRNA translation
19	Eileen	Garcia-Fuentes	Inhibitors of Anaerobic Respiration Decreases Disease Severity in a Mouse Model of Salmonella Ileitis
20	Sam	Ghaffari-Kashani	How Viral Genetic Background Constrains Adaptive Evolution
21	Sydnee	Gould	The Dynamics of Mycobacterium tuberculosis Sepsis in Various Mouse Models of Tuberculosis Meningitis
22	Sophie	Gretler	Overcoming itaconate restriction permits oral Salmonella Typhi infection in the mouse
23	Amanda	Haab	The role of xyl2 in Candida albicans metabolism of sorbitol
24	Fahimeh	Hajiahmadi	Title: A lytic transglycosylase–degradosome heterodimer orchestrates peptidoglycan remodeling in
25	Angela	Hickey	Long-read metagenomics sequencing reveals gut phage dynamics across diverse cohorts
26	Amy	Holthaus	Closely Related Erwinia tasmaniensis strains Demonstrate Different Growth Phenotypes in Response to

Poster Session I : 12-12:45pm (#1-40)			
Poster #	First Name	Last Name	Poster Title
27	Eric	Huang	Identifying the Enzymes Behind Peptidoglycan Remodeling in a Complex Flagellar Motor
28	Viraj	Jansari	Characterizing the in vivo Effects of Negamycin Treatment on Escherichia coli
29	Peter	Karp	The BioCyc Microbial Genome Web Portal
30	Dina	Khabaz	Temperature Entrainment of Circadian Rhythms in Plasmodium falciparum
31	Arya	Khosravi	Phage-Mediated Iron Acquisition by Pseudomonas aeruginosa
32	Emily	Kibby	Density-dependent regulation of a bacterial integron
33	Sithembile	Kunene	Host-Derived Membrane Vesicles Inhibit Fusarium Growth and Reveal Conserved Antifungal Defense
34	Angela	Lane	Examining the Expression of Phospholipase A (pldA) in Helicobacter pylori
35	Vivian	Le	Chemotherapy-Induced Microbiota Disruptions In Dogs With Lymphoma
36	Jee-Yon	Lee	Restoring Epithelial PPARγ Signaling Limits High-Fat Diet–Induced Susceptibility to Clostridioides difficile
37	Miriam	Lepiz	Microbiome-Mediated Colonization of Yersinia enterocolitica at Systemic Sites
38	Caia	Lomeli	The iron-sulfur cluster protein IscR counters xenogenic silencing of virulence factors
39	Tiffany	Luong	Phage–Antibiotic Cooperation Emerges Through Ecological Partitioning in Heterogeneous Pseudomonas

Poster Session I I : 1:30-2:15pm (#41-79)			
Poster #	First Name	Last Name	Poster Title
41	Scott	Mahan	Colonic reactive oxygen species helps prevent intestinal inflammation
42	Mikaela	Matera-Vatnick	Baseline microbiome as a predictor of GLP-1 receptor agonist (GLP-1RAs) efficacy
43	Kate	Miller	Mechanisms of Gland Niche Colonization and in situ Biogeography of Helicobacter pylori
44	Alexa Mae	Miranda	Gut Microbial Transformation of Methotrexate-Derived Compounds
45	Devons	Mo	An unrecognized host response to microbial exposure resets circadian timing
46	Dounya	Moukhlis	Mechanisms of Pneumolysin-Dependent Damage to the Lung Epithelium during S. pneumoniae Infection
47	Omar	Niagne	Xanthomonas infection activates expression of tomato transcription factor bHLH132 resulting in
48	Meghan	Nolan	Characterizing a promiscuous lipid transporter in the Lyme disease bacterium,
49	Aglaia	Ntokou	Fibroblasts as the Gatekeepers of Immune Cell Infiltration
50	Haley	Ogasawara	Investigating the Mechanism of 'Don't Eat Me' Signaling Mediated by the Bacterial Ligand P66
51	Cassandra	Olivas	Towards Defining a Core Mouse Gut Microbiome
52	Christine	Olson	Antibiotic-induced microbial amino acid biosynthesis interferes with intestinal drug absorption
53	Edwin	Ortega	Temporal Host–Microbiome Interactions Determine Capecitabine Toxicity
54	Bianca	Parisi	The role of IFNγ in the Innate Immune Response to Plasmodium Infection
55	Letizia	Pastore	Sialic Acid Catabolism in the Gut Bacteria Hungatella hathewayi
56	Sebastian	Perez-Orozco	Is lysine degradation an unconventional mechanism to protect E. coli from oxidative stress?
57	Alyssa	Pratt	Vibrio cholerae out of the clinic: genomic plasticity and rearrangement events
58	Rodrigo	Profeta	Genomic diversity and host-specificity in Corynebacterium pseudotuberculosis using comparative
59	Md Ziaur	Rahman	Maternal cortisol is not associated with maternal gut microbiome during pregnancy in rural Bangladesh
60	Melanie	Reuter	Dietary resistant starch intervention reveals complex regulation of gut bacterial 7α-dehydroxylation through
61	Rafael	Rivera-Lugo	Development of a Novel Mouse Model to Study Borrelia burgdorferi Pathogenesis and Lyme Disease
62	Marize	Rizkalla	Tail-dependent exclusion by the Vibrio cholerae phage satellite PLE
63	Rachel	Rock	Proof-of-principle for human sex-linked gut bacteria in multiple sclerosis: Female-linked Eggerthella lenta
64	Jashwin	Sagoo	HPG27_1061, a Sel1-like repeat protein, negatively regulates flagellar motor switching in Helicobacter
65	Puspangana	Singh	Decoupling host stress sensing from cellular defense during Legionella infection
66	Nyarie	Sithole	Anti-PstS1 antibody (p4-163) enhances early TB immunity with Sema7a mediated immune reprogramming

Poster Session I I : 1:30-2:15pm (#41-79)			
Poster #	First Name	Last Name	Poster Title
67	Weronika	Smulska	Epitope-Based Assessment of Escherichia coli Phage Immunogenicity
68	Min Pyae	Sone	Characterization of Fructoselysine Metabolism in Collinsella species
69	Reginara	Souza de Assis	Validation of a Plasmodium proteasome reporter linking target engagement to parasite killing
70	Ivona	Sutilovic	Screening sera from bronchiectatic patients reveals differences in reactivity to Mycobacterium abscessus
71	Natasha	Tanner	The Role of Lactate in Intestinal Epithelial Cells During Non-Infectious Colitis
72	Andrew	Van Alst	Endopeptidase-mediated peptidoglycan remodeling in Listeria monocytogenes protects against phagocyte
73	Perla	Vazquez	Fibroblasts as the Gatekeepers of Immune Cell Infiltration
74	Izabelle	Viana Costa	Uncovering Hepatocyte Defenses Against Microbial Infection
75	Maria	Winter	Inflammatory reactive oxygen species control systemic colonization of Yersinia enterocolitica
76	Corey	Witt	MapA Regulates Semisolid Agar Migration and Biofilm Formation in Helicobacter pylori
77	Jing Lin	Xie	Stress-driven emergence of heritable non-genetic drug resistance
78	Meir	Zhang	Anti-Toxoplasma Effect of FDA-approved Proteasome Inhibitors
79	Zahra	Zubair-Nizami	The dynamic surface localization patterns of the R. parkeri actin motility mediator RickA