Poster #	Presenter	Poster Title
1	Shreya Milind Athalye	Raman spectroscopy - an analytical tool for biologics
2	Scott Thomas Bates	Using natural language processing to infer ecological guild information for fungi: A machine learning test case for FUNGuild
3	Andi Cheng	The gut microbiota and sex impact motor function and brain proteome in mice: Implication for Parkinson's disease
4	Lille Cunic	Identifying Microbes that Improve Growth of Biofuel Crop Switchgrass
5	Abhishek Datta	Bile Acid Regulation of Gut Mycobiome
6	Princess Wednesday Daniels-Porter	Heat Exchanger System Water Quality: Progress Towards Understanding the Cooling Tower Microbiome
7	Josiah Levi Davidson	Nucleic Acid-based Detection of Viruses Associated with Respiratory Disease in Humans and Animals on Paper
8	Wenxuan Dong	Meta-analysis of the longitudinal change of swine fecal microbiome
9	Aliya Ehde	Water Quality and Reproducibility Among Newly Constructed Building Plumbing Systems
10	Alonso Favela	Breeding for novel microbiome-associated phenotypes (MAPs) to improve nitrogen retention
11	Henrique P. Feiler	Plant variety and soil phosphorus level modulate the soybean rhizosphere microbiome
12	Monique Felix	Identify Gut Microbe Traits that Influence Competitiveness for Complex Carbohydrates
13	Audrey A. Goldbaum	Gut microbiota, obesity, and diet in colorectal cancer risk
14	Miguel Alvarez Gonzales	Processing Method and Particle Size of Wheat Bran Modulate Composition of Fecal Community and its Metabolic Functions
15	Thorsten E. Hansen	Host Plant Species Influences the Composition of Milkweed and Monarch Microbiomes
16	Suji Im	Mice prone to develop colorectal cancer driven by inactivating tumor-suppressor Apc and activating oncogenic Kras mutations have different gut microbial profiles compared to control mice without mutant genes
17	Niuniu Ji	Host genetic variation drives the differentiation in ecological role of the native Miscanthus root-associated microbiome
18	Simerdeep Kaur	Nucleic acid detection of live pathogens on contaminated foods
19	Madeline Larsen	Impact of Epoxy Manufacturing and Installation Conditions on Drinking Water Quality
20	Lindsay M. Leonard	Development of a Gnotobiotic Mouse Model with Distinct Bacterial Equol Producing Capabilities
21	Rushil Madan	Longitudinal Analyses of Urine Cultures from Healthy Dogs
22	A. McGlynn	Examining urine pH, specific gravity, and urine protein over time in healthy dogs
23	Mohamed Mohssen	Longitudinal analysis of spinal cord injury-induced changes in gut viral and microbial communities
24	Maria V. Murgia	A survey exploring the virus complement carried by the Lyme disease tick collected in Indiana.
25	Phuong Mai Lea Nguyen	The Influence of Resistant Dextrins on the Microbial Diversity of the Gut Microbiome
26	Paul Oladele	Development of Fecal Microbiota transplant Therapy against Post-weaning Diarrhea in Piglets
27	Kyle J. Paddock	Soil microbes from cover crop fields reduce growth of Bt-resistant western corn rootworm with no impact on larval microbiome
28	Gopal Palla	A field-deployable paper-based colorimetric LAMP biosensor for the detection of antimicrobial-resistant genes of Bovine respiratory disease.
29	Alessandro Paz Hernandez	Primer Design
30	Weitao Shuai	Metagenomic profiling of antimicrobial resistance in onsite greywater treatment and reuse
31	Abrory Pramana	Gut Microbiota Profiling Reveals a Signature of Microbiome Dysbiosis Associated with Colitis Development in the Heterogenous Nuclear Ribonucleoprotein I (hnRNP I) Knock Out Mice
32	Anurag Pujari	Identify microbial transport and hydrolysis traits important for polysaccharide response
33	Adam Quinn	Effects of Wheat Genotype on Gut Microbiota Fermentation
34	Sierra Raglin	Lost Phenotypes: exploring the role of maize history on rhizosphere nitrification suppression
35	Jiaxian Shen	Using machine learning approaches to predict required sequencing effort from accessible sample features in shotgun metagenomics
36	Abigayle M. R. Simpson	Twelve-Month Prune Consumption Alters the Gut Microbiome in Postmenopausal Women
37	Amandeep Singh	In-field paper-based portable device for genetic testing of potato tuber spindle viroid (PSTVd) and tomato spotted wilt virus (TSWV)
38	Jacob Thompson	Genome Analysis and Metabolic Modeling of Faecalibacterium prausnitzii Strains
39	Jiangshan Wang	Bacteroidales LAMP assay for fecal contamination risk assessment
40	Carmen L. Wickware	Machine learning improves antibiotic resistance genotype-phenotype concordance for bacterial pathogens associated with bovine respiratory disease
41	Tianming Yao	Arabinoxylan branching structure governs community composition and metabolism of fermenting human gut microbiota