

Poster Board Number	Title	Presenting author	Affiliation	Country
PS1.07.353	<i>CUMA-PathoBac: Genome-Scale Inference of Pathogenic Potential Reveals Ecological Heterogeneity Across Bacterial Taxa</i>	Ao Dong	Westlake University	China
PS1.07.354	<i>Developing machine learning models to predict biogeochemical processes for the bioremediation of contaminated sites</i>	Giulio Benedetti	University of Turku	Italy
PS1.07.355	<i>Differences in the faecal microbiome of obese and non-obese pregnant women</i>	Bangzhuo TONG		Sweden
PS1.07.356	<i>Genomic Diversification of Oropouche Virus and Implications for Transmission Modeling</i>	Rania Siam	Ross University School of Medicine, Saint Michael	Barbados
PS1.07.357	<i>Identifying Key Functional Microorganisms via Machine learning: Snapshot or Time-Series Dynamics?</i>	Siming Chen		China
PS1.07.358	<i>Integrating gut microbiome, biomarkers, and clinical metadata to identify risks of environmental enteric dysfunction and stunting</i>	Jessie Dixon	Stellenbosch University	South Africa
PS1.07.359	<i>Integrating Metabolic Modeling and Machine Learning to Predict the Effects of Microbial Interactions on Plant Fitness</i>	Sanjay Swarup	National University of Singapore	Singapore
PS1.07.360	<i>Leveraging multi-omics and AI to reveal the diversity and producers of marine sponge-derived natural products</i>	Shan Zhang	The University of Hong Kong	China
PS1.07.361	<i>Machine Learning Predicts Environmental Drivers, Microbial Community Structure and Functions Across a Subtropical Ocean Basin, South Atlantic Ocean</i>	Francielli Peres	University of São Paulo	Brazil
PS1.07.362	<i>Towards Next-Generation Bioinoculants: Machine Learning-Assisted Characterization of PGPB for Maize</i>	Sulamita Santos Correa	Embrapa Agrobiology	Brazil
PS1.07.363	<i>Unraveling metabolic processes in global river networks using AI-driven autonomous discovery</i>	Ted Bambakidis	Oregon State University	United States of America