

Poster Board Number	Title	Presenting author	Affiliation	Country
PS2.14.220	<i>A Decade of Bacteriophage Hunting Reveals how Dominant Phages Remain Virulent for Years at a Time</i>	Izaac Wilkinson	University of California Berkeley	United States of America
PS2.14.221	<i>A synthetic community alters the ecology and evolution of a host bacteria-phage pair</i>	Storme Z. de Scally	Monash University	Australia
PS2.14.222	<i>Adopting methods from ecology to quantify the mutational spectrum of rifampicin resistance in bacteria</i>	Jan Engelstaedter	University of Queensland	Australia
PS2.14.224	<i>Antibiotic resistance effects on phage-host interactions</i>	Alicia Williams		Australia
PS2.14.225	<i>Antibiotic tolerance dictates access to collective resistance during community assembly and evolution under drug stress</i>	Emmanuel Cordero	Centro de Investigación y de Estudios Avanzados del IPN, Irapuato Unit	Mexico
PS2.14.226	<i>Co-evolutionary dynamics of defense systems and anti-defense genes in Enterobacteriaceae</i>	YANG LIU	Zhejiang University School of Medicine	China
PS2.14.227	<i>Comparative morphological responses of the ammonia fungus Sagarinella tylicolor to litter fall layer thickness</i>	Shiori Harada	Tokyo City University	Japan
PS2.14.228	<i>Competition and predation drive Ca. Accumulibacter diversity in biological phosphorus removal communities</i>	Justus Smith	University of Wisconsin-Madison	United States of America
PS2.14.229	<i>Cooperation and Pre-occupation in Host Specific Phage-Phage Interactions</i>	Heather Hendrickson	University of Canterbury	New Zealand
PS2.14.230	<i>Eco-evolutionary dynamics in a multi-trophic microcosm</i>	Chris Blake	Monash University	Australia
PS2.14.231	<i>Eco-evolutionary regimes of mercury methylation in the global ocean</i>	Meifang Zhong		Sweden
PS2.14.232	<i>Effects of Resource Availability on DNA Repair and Competence in a Soil Community - A Transcriptome Study</i>	Genevieve Blumenccweij	Northern Arizona University	United States of America

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PS2.14.233	<i>Environmental adaptation drives structured epigenomic remodeling in methanogenic archaeon Methanosarcina barkeri</i>	Ginevra Giangeri	Technical University of Denmark	Denmark
PS2.14.234	<i>Evidence of ecosystem-level persistence across Shiga toxin-producing Escherichia coli serotypes</i>	Gillian Tarr	University of Minnesota	United States of America
PS2.14.235	<i>Functional redundancy and ecological flexibility in thermophilic microbiomes for sugarcane bagasse bioprocessing</i>	Carolinne Rosa de Carvalho	UNICAMP	Brazil
PS2.14.236	<i>Fungal laccase evolution tracks lignin diversification in plants</i>	Shenglong Liu		China
PS2.14.237	<i>Genomic distance governs social compatibility and gene flow in Bacillus subtilis</i>	Polonca Stefanic		Slovenia
PS2.14.238	<i>Horizontal gene flow and clonal expansions both shape population structure of natural hydrogen-oxidizing bacteria</i>	Gamaliel Lysander Cabria	University of Calgary	Canada
PS2.14.239	<i>Individually redundant effectors are collectively required for bacterial pathogen virulence</i>	Jay Jayaraman	New Zealand Institute for Bioeconomy Science Limited	New Zealand
PS2.14.240	<i>Investigating the role of nitrogen sensing and the electron transport chain in 'hyper'-infectivity of the mouse enteropathogen Citrobacter rodentium</i>	Emily Caldelari-Hume		New Zealand
PS2.14.241	<i>Is population differentiation correlated with the root microbiome in a wild perennial across contrasting habitats?</i>	Asa Lankinen	Swedish University of Agricultural Sciences	Sweden
PS2.14.242	<i>Lost potential: Is looking at the potential functional trends of the infant microbiome key to understanding the eco-evolutionary processes that shape development?</i>	Karla Muller	University of Amsterdam	Netherlands
PS2.14.243	<i>Megaplasmid acquisition transforms coral opportunistic pathogen to mutualist through enhanced attachment, thermal and pathogen resilience</i>	Joao Paulo Andre Pereyra		Singapore
PS2.14.244	<i>Off-target binding of vaccine-induced antibodies shapes pathogen-commensal interactions in the gut</i>	Sarah Woodward	University of Oxford	United Kingdom

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PS2.14.245	<i>Resource origin in cross-feeding networks governs functional adaptation in consumers</i>	Alejandra Rodriguez Verdugo	University of California, Irvine	United States of America
PS2.14.246	<i>Scaling anti-phage defence from individual systems to ecological and evolutionary outcomes</i>	Aleksei Agapov	University of Exeter	United Kingdom
PS2.14.247	<i>Systems view on biofilm development</i>	David Stopar	University of Ljubljana, Biotechnical Faculty	Slovenia
PS2.14.248	<i>Temperate phages specialise either in offence or in defence</i>	Anna Olina	University of Exeter	United Kingdom
PS2.14.249	<i>Temporal dynamics of cellular differentiation and paralytic shellfish toxin diversification in <i>Centrodinium punctatum</i></i>	YUE Jiang		China
PS2.14.250	<i>Temporal shifts in bacterial communities associated with cultivated brown macroalgae</i>	Nicole Von Possel	Max Planck Institute for Marine Microbiology	Germany
PS2.14.251	<i>Testing the influence of substrate preference on the shape and evolvability of bacterial thermal performance curves</i>	Ariel Favier	University of California, Irvine	United States of America
PS2.14.252	<i>The role of antibiotic-resource covariance in shaping evolutionary outcomes in microbial systems</i>	Vishwa Patel		Australia
PS2.14.253	<i>Thiamine biosynthesis capacities of photosynthetic Cyanobacteriota are driven by an evolutionarily ancient gene fusion event</i>	Marcus Francis	University of Auckland	New Zealand
PS2.14.254	<i>Tracking real-time bacterial adaptation and speciation in 30,000 genomes from a 20-year time series</i>	Robin Rohwer	The University of Texas at Austin	United States of America
PS2.14.255	<i>Uncovering the regulatory mechanisms of the recently discovered anti-phage defence system MADS in <i>Pseudomonas aeruginosa</i>: Implications for the evolution of phage resistance</i>	Jasmine Thomas-Campbell	University of Bath	United Kingdom
PS2.14.256	<i>Understanding microbial determinants in sister taxa of genera <i>Littorina</i> and <i>Lottia</i></i>	Alexandra Gignac-Wiebe	University of British Columbia	Canada

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PS2.14.257	<i>Urban structures as persistent selective forces on soil microbiomes at the meter scale</i>	Yuya SATO	National Institute of Advanced Industrial Science and Technology (AIST)	Japan
PS2.14.258	<i>Viral pressure shapes expression of defense-systems in the rumen microbiome</i>	Priscila Fregulia Lomar	Department of Animal Science, Cornell University, Ithaca, NY, USA	Brazil
PS2.14.259	<i>When microbes mingle: microbial interactions shape meropenem resistance evolvability in <i>Pseudomonas aeruginosa</i></i>	Lauren Pittaccio		United Kingdom