QMB/ID Abstracts

Please note abstracts have not been provided for oral presentations.

Summary of Abstracts for ID Poster Session

No.	Title	Presenter	Institutions
I1	Synthetic studies towards the development of less lipophilic drug of bedaquiline	Peter Choi	University of Auckland, NEW ZEALAND
I2	Ionophoric effects of the antitubercular drug bedaquiline	Kiel Hards	University of Otago, NEW ZEALAND
I3	Investigating the evolution of teixobactin resistance in *Enterococcus faecalis*	Rachel Darnell & Mel Knottenbelt (co-authors)	University of Otago, NEW ZEALAND
I4	Antibiotic Resistant Bacteria (ARB): Trends in conventional dairy farms compared with organic counterparts in New Zealand and China	Omega Omoafo	Lincoln University, NEW ZEALAND
I5	Glutamate racemase, a 'hotspot' for *Mycobacterium* drug design	Daniel Palmer	University of Otago, NEW ZEALAND
I6	Phosphatase activity of the essential Histidine Kinase WalK in *Staphylococcus aureus*	Ian Monk	Doherty Institute, University of Melbourne, Melbourne, AUSTRALIA
I7	RNase HI: A tractable TB drug target?	Abeer Al-Zubaidi	University of Auckland, NEW ZEALAND
I8	Use of Natural Products as Preservatives	Angela Chen	University of Auckland, NEW ZEALAND
I9	The application of signatures in fluorescence emission spectra to differentiate between different bacterial species	Claire Honney	University of Auckland, NEW ZEALAND
I10	Investigating the mechanism of pH-mediated antimicrobial potency of gallic acid	Ethan Lowry	University of Auckland, NEW ZEALAND
I11	Quantifying the antifouling and biocidal potential of surfaces	Jan Perera	University of Auckland, NEW ZEALAND

I12	Are plants the answer to the global antibiotic resistance crisis?	Tom Li	University of Auckland, NEW ZEALAND
I13	Characterization of Mycobacterial Membrane Vesicles	Vanessa Chang	University of Auckland, NEW ZEALAND

I14	The host immune response to a 'hyperinfectious' isolate of the mouse enteropathogen *Citrobacter rodentium*	Priyali Patel	University of Auckland, NEW ZEALAND
I15	A combination dry powder formulation for treating latent and drug-resistant tuberculosis	Bhamini Rangnekar	University of Otago, NEW ZEALAND
I16	Next Generation Inhibitors to Combat Drug Resistant Tuberculosis Infections	Zoe Williams	University of Otago, NEW ZEALAND
I17	Characterisation of the [NiFe] Hydrogenase 3 associated P-type ATPase CtpF of *Mycobacterium smegmatis*	Reuben Vercoe	University of Otago, NEW ZEALAND
I18	*MSMEG_5243*: A Succinate dehydrogenase flavination factor	Liam K Harold	University of Otago, NEW ZEALAND
I19	Screening NZ fungi for new antibiotics	Daniel Mulholland	University of Auckland, NEW ZEALAND
I20	From the Lab Bench to the Farm: Discovering New Inhibitors to Combat Environmental Bacteria	Scott Ferguson	University of Otago, NEW ZEALAND
I21	A genetic analysis of Japanese PSA strain with New Zealand PSA outbreak strain	Jocelyn Ho	University of Otago, NEW ZEALAND
I22	The impact of non-tuberculous mycobacterial infection on the immune response of *Galleria mellonella*	Zakieh Vahdati	University of Auckland, NEW ZEALAND
I23	Screening New Zealand native Fungi for potential antibacterial activity	Christoph Wile	University of Auckland, NEW ZEALAND
I24	Characterisation of extracellular vesicles from the enteric pathogen *Citrobacter rodentium*	Stephen Ashley	University of Auckland, NEW ZEALAND

I25	Characterisation of the immunomodulatory protein, GIF, encoded by Orf Virus	Theodore W D Keats	University of Otago, NEW ZEALAND
I26	Fungi: Key to solving the antibiotic crisis?	Tze How Tan	University of Auckland, NEW ZEALAND

I27	Biocide options to control the transmission of pathogens in our environment	Shilpa Saseendran Nair	University of Auckland, NEW ZEALAND
I28	Molecular mechanisms of antimicrobial drug resistance among *Escherichia coli*, *Klebsiella pneumoniae,* and *Salmonella enterica* bloodstream isolates from febrile inpatients in Yangon, Myanmar	Tin Ohn Myat	University of Medicine, MYANMAR and University of Otago, NEW ZEALAND
I29	Investigating the antimicrobial action of a zinc ionophore in the mastitis-causing pathogen *Streptococcus uberis*	Nichaela Harbison-Price	University of Otago, NEW ZEALAND
I30	Next Generation Inhibitors to combat Drug Resistant Tuberculosis	Cheung, C.Y. & Adolph, C.R. (co-authors)	University of Otago, NEW ZEALAND