

QRW Programme
**National Symposium on Infectious Diseases and Antimicrobial Resistance: Challenges,
Opportunities and Successes**

30 – 31 August, 2015
Rydgens Hotel, Queenstown, New Zealand

Sunday 30 August 2015		
Time	Details	Location
9.00am – 10.00am	S1: Introduction and opening remarks Kurt Krause – Webster Centre, Richard Blaikie – DVC Research, University of Otago	Queenstown Rm
9.10am – 10.00am	Plenary talk: Professor William Jacobs Department of Microbiology and Immunology, Albert Einstein College of Medicine <i>Sponsored by Webster Centre and Maurice Wilkins Centre</i> “On the Road to Edward Jenner’s Revenge: Lessons for TB Vaccines from a New Herpes Vaccine”	Queenstown Rm
10.00am- 10.30am	Morning Tea	Trade Area
10.30am – 12.35	S2: New Zealand and beyond: Challenges in Infectious Diseases Chair: Frank Griffin University of Otago	Queenstown Rm
10.30 – 10.55am	Deborah Williamson University of Otago and ESR <i>Sponsored by ESR</i> “Public Health Microbiology in the Genomics Era”	Queenstown Rm
10.55am – 11.20am	Nikki Moreland University of Auckland “Coalition to Advance New Vaccines for Group A Streptococcus (CANVAS): A Trans-Tasman Initiative for Rheumatic Fever Prevention?”	Queenstown Rm
11.20am – 11.45am	David Murdoch University of Otago <i>Sponsored by Webster Centre and Roche Diagnostics</i> “Determining the microbial aetiology of pneumonia – will the real pathogen please stand up?”	Queenstown Rm
11.45am – 12.10pm	John Fraser University of Auckland <i>Sponsored by Webster Centre and pH Scientific</i> “Staphylococcal pathogenesis and disease – is a vaccine possible?”	Queenstown Rm
12.10pm – 12.35pm	Nigel French Massey University <i>Sponsored by Webster Centre</i> “Controlling zoonotic pathogens: the increasing role played by molecular and genomic epidemiology”	Queenstown Rm
12.35pm – 1.30pm	Lunch	Trade Area
1.30pm – 3.30pm	S3: Host-pathogen interactions and the microbiome Grant Butt University of Otago	Queenstown Rm
1.30pm – 2.15pm	Elaine Petrof , Queens University and Kingston General Hospital, Kingston, Ontario, Canada <i>Sponsored by Gut Health Network</i> “RePOOPulate and treating <i>C diff</i> infections”	Queenstown Rm

2.15pm – 2.45pm	Nadeem O. Kaakoush , School of Biotechnology and Biomolecular Sciences, The University of New South Wales <i>Sponsored by Gut Health Network</i> “Gut microbiota in health and disease”	Queenstown Rm
2.45pm-3.05pm	Gerald Tannock University of Otago <i>Sponsored by Webster Centre</i> “Understanding the bowel microbiome”	Queenstown Rm
3.05pm – 3.20pm	Ayesha Verrall University of Otago <i>Sponsored by Webster Centre</i> “Innate immunity and TB”	Queenstown Rm
3.20pm – 3.35pm	Andree Huber Osaka University Japan “LC3-associated phagocytosis restricts an intracellular bacterial pathogen in a process that involves both TLR2 signalling and ROS”	Queenstown Rm
3.35pm – 4.00pm	Afternoon tea	Trade Area
S4: Fighting Back: drug discovery and novel therapeutic approaches Chair: Shaun Lott University of Auckland		
4.00pm – 4.30pm	Michael Berney Albert Einstein College of Medicine <i>Sponsored by Department of Microbiology and Immunology, University of Otago</i> “Methionine-less Death in <i>Mycobacterium tuberculosis</i> – New Opportunities for Chemotherapeutic Interventions”	Queenstown Rm
4.30pm – 5.00pm	Dean Crick Colorado State University <i>Sponsored by Maurice Wilkins Centre</i> “Application of the Henderson Hasselbalch equation to TB drug discovery”	Queenstown Rm
5.00pm – 5.20pm	Lyn Wise University of Otago <i>Sponsored by Webster Centre</i> “Emerging antimicrobial therapies for skin wound infections”	Queenstown Rm
5.20pm – 5.40pm	Chris Greening CSIRO, Canberra <i>Sponsored by Webster Centre and Department of Microbiology and Immunology</i> “Physiological and pharmacological roles of the diverse 2lavin/deazaflavin oxidoreductase superfamily in mycobacteria”	Queenstown Rm
5.40pm – 6.00pm	Kurt Krause University of Otago <i>Sponsored by Webster Centre and Roche Diagnostics</i> “Glutamate racemase as a target for antibiotic design in tuberculosis”	Queenstown Rm
7.00pm-7.30pm	Poster Session and Drinks	Level 5 and Trade Area
7.00pm – 9.00pm	Beer and Pizza Social Function Poster session continues, 5 minute lightning talks	Clancy’s Rm

Monday 31 August 2015

Time	Details	Location
National Symposium on Infectious Diseases and Antimicrobial Resistance: Challenges, Opportunities and Successes S5: Plenary Session: Chaired by Debbie Williamson (University of Otago)		
9.00am – 10.00am	Scott Beatson Australian Infectious Diseases Research Centre, University of Queensland <i>Sponsored by ESR</i> “Antimicrobial resistance: what can the genome tell us?”	Queenstown Rm
10.00am-10.30am	Morning Tea	Trade Area
S6: From bench to bedside: advances in molecular microbiology Chair: Nigel French Massey University		
10.30am – 11.00am	Frank Griffin University of Otago <i>Sponsored by Webster Centre</i> “Biomarkers for Resilience and Susceptibility to Mycobacterial Infection: Model studies in deer”	Queenstown Rm
11.00am – 11.20am	James Ussher University of Otago <i>Sponsored by Webster Centre and Medi’Ray NZ Ltd</i> “MAIT cells: key cellular effectors in antibacterial immunity?”	Queenstown Rm
11.20am – 11.40am	James Hadfield Wellcome Trust Sanger Institute, Cambridge “Salmonella Enteritidis lineages: from broad host range generalists to highly adapted human invasive strains”	Queenstown Rm
11.40am – 12.00pm	Una Ren ESR “Revisiting the NZ meningococcal disease epidemic using whole genome analysis”	Queenstown Rm
12.00pm – 12.20pm	Greg Cook-Htin Aung University of Otago <i>Sponsored by Thermo Fisher Scientific</i> “Whole-genome sequencing for the management of drug-resistant tuberculosis in Myanmar”	Queenstown Rm
12.30pm – 1.30pm	Lunch	Trade Area
1.30pm – 3.30pm	S7: Proffered papers session Chair: Kurt Krause	Queenstown Rm
1.30pm – 1.45pm	Joel Tyndall University of Otago “Structural studies of the membrane protein CYP51 reveals resistance mechanism against short-chain azole antifungals”	Queenstown Rm
1.45pm – 2.00pm	Stephanie Dawes University of Auckland “Ribonuclease HI – a new candidate for drug development for <i>Mycobacterium tuberculosis</i> ”	Queenstown Rm

2.00pm – 2.15pm	Joanna McKenzie University of Cambridge “A plant-like PPR protein controls RNA cleavage in the Plasmodium remnant chloroplast”	Queenstown Rm
2.15pm – 2.30pm	George Poulter University of Otago <i>Sponsored by Webster Centre</i> “Complete genome of PSA – <i>Pseudomonas syringae</i> pv. Actinidiae”	Queenstown Rm
2.30pm – 2.45pm	Denis Simonov University of Auckland “Transcriptional response of human bladder cells to UPEC 536 vesicles”	Queenstown Rm
2.45pm - 3.00pm	Brigitta Kurenbach University of Canterbury Sub-lethal effects of commercial formulations of herbicides on bacteria. A link to creeping antibiotic resistance?	Queenstown Rm
3.00pm – 3.20pm	Matloob Husain University of Otago “The pathogenesis of influenza A virus in histone deacetylase 6-knockout mice”	Queenstown Rm
3.30pm – 4.00pm	Afternoon tea	Trade Area
4.00pm – 5.00pm	S8: Closing Plenary: Chair: Professor Greg Cook University of Otago	Queenstown Rm
4.00 pm – 4.50pm	Professor Mark Walker University of Queensland <i>Sponsored by ESR</i> “Zinc daggers – killing group A Streptococcus in a different way”	Queenstown Rm
4.50pm – 5.00pm	Closing Remarks: Professor Greg Cook University of Otago	Queenstown Rm
6.00pm-8.00pm	QRW Welcome and Opening Lecture Prof Peter Shepherd – University of Auckland Larry Young - Emory University <i>sponsored by University of Otago</i> <i>The neural mechanisms of social bonding: Implications for novel therapies for autism</i>	Clancy’s Rm
8.00pm-9.00pm	QRW Welcome Reception Drinks and nibbles	Trade Area
7.00pm – 10.00pm	Microbes and Disease Dinner	Pig and Whistle
From 9.00pm	QRW Party at Chico’s Show your name badge for entry and free house drink	Chicos