

<p align="center"><b>QMB Programme</b>  <b>Queenstown Molecular Biology Week and Webster Centre for Infectious Diseases</b>  <b>Symposium: Of Microbes and Men – Translational Medical Microbiology in the 21<sup>st</sup></b>  <b>Century</b>  29 August – 30 August, 2013  Rydgies Hotel, Queenstown, New Zealand</p>		
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<b>Wednesday 28<sup>th</sup> August</b>		
<b>Time</b>	<b>Details</b>	<b>Location</b>
7.00pm - Late	QMB conference dinner	<b>Skyline Restaurant</b>

<b>Thursday 29<sup>th</sup> August</b>		
<b>Time</b>	<b>Details</b>	<b>Location</b>
9.00am-9.10am	<b>Introduction and opening remarks:</b> <b>Professor Kurt Krause</b> Director of the Webster Centre for Infectious Diseases, University of Otago	<b>Clancy's Room</b>
9.10am-10.00am	<b>Opening plenary: Chair: Professor Kurt Krause</b> <b>Associate Professor Bill Hanage</b> Department of Epidemiology, Harvard School of Public Health <i>The power of many: population genomics for epidemiology and ecology</i>	<b>Clancy's Room</b>
10.00am-10.30am	<b>Morning tea</b>	<b>Trade Area</b>
<b>Session 1: From bench to bedside: advances in molecular diagnostics</b> <b>Chair: Dr Deborah Williamson</b>		
10.30am-10.45am	<b>Professor Jane Hill</b> University of Vermont <i>Toward using breath to diagnose lung infections</i>	<b>Clancy's Room</b>
10.45am-11.10am	<b>Professor David Murdoch</b> <i>sponsored by Thermo Fisher Scientific</i> University of Otago <i>Molecular testing for respiratory pathogens: benefits and pitfalls</i>	<b>Clancy's Room</b>
11.10am-11.40am	<b>Dr Steven Tong</b> Menzies School of Health Research, Darwin <i>How whole genome sequencing is changing the diagnostic landscape</i>	<b>Clancy's Room</b>
11.40am-12.05pm	<b>Dr Sally Roberts</b> Auckland District Health Board <i>Advances in TB molecular diagnostics and typing methods</i>	<b>Clancy's Room</b>
12.05pm-12.30pm	<b>Dr Barry Bochner</b> BIOLOG technologies <i>Phenotype MicroArrays: An Overview of the Technology and Applications</i>	<b>Clancy's Room</b>
12.30pm-1.30pm	<b>Lunch</b>	<b>Trade Area</b>
12.45pm-1.15pm	<b>MWC investigator meeting</b>	<b>Wakatipu Room</b>
<b>Session 2: New Zealand and beyond: Challenges in Infectious Diseases</b> <b>Chair: Professor Greg Cook</b>		
1.30pm-2.00pm	<b>Professor John Crump</b>	<b>Clancy's Room</b>

	University of Otago <i>The challenge of non-malaria fever in the tropics</i>	
2.00pm-2.30pm	<b>Dr Deborah Williamson</b> University of Auckland <i>Clinical and molecular epidemiology of Staphylococcus aureus infections in New Zealand</i>	<b>Clancy's Room</b>
2.30pm-3.00pm	<b>Associate Professor Thomas Proft</b> University of Auckland <i>Vaccines against Streptococcus pyogenes: Fact or fiction?</i>	<b>Clancy's Room</b>
3.00pm-3.30pm	<b>Professor Vic Arcus</b> <i>sponsored by Thermo Fisher Scientific</i> Waikato University <i>The complete genome sequences of historical and contemporary Rangipo strains of Mycobacterium tuberculosis</i>	<b>Clancy's Room</b>
3.30pm-4.00pm	<b>Afternoon break</b>	<b>Trade Area</b>
<b>Session 3: Host-pathogen interactions</b> <b>Chair: Professor Vic Arcus</b> <i>sponsored by Thermo Fisher Scientific</i>		
4.00pm-4.30pm	<b>Dr Joanna MacKichen</b> Victoria University, Wellington <i>Understanding Neisseria meningitidis pathogenesis</i>	<b>Clancy's Room</b>
4.30pm-5.00pm	<b>Dr Eve Pleydell</b> Massey University <i>Multidrug-resistant bacteria — the links between people and their pets</i>	<b>Clancy's Room</b>
5.00pm-5.30pm	<b>Dr Jackie Benschop</b> Massey University <i>Leptospirosis in NZ: The human – animal interface</i>	<b>Clancy's Room</b>
5.30pm-6.00pm	<b>Professor Kurt Krause</b> Director, Webster Centre for Infectious Diseases <i>Chemokines and host-viral interactions</i>	<b>Clancy's Room</b>
6.00pm-7.00pm	<b>Social Mixer and Poster Session</b> <i>Sponsored by Bio-Strategy</i>	<b>Trade Area and Level 5</b>
7.00pm-8.00pm	<b>Of Microbes and Men Beer and Pizza Social Function</b>	<b>Clancy's Room</b>

## Friday 30<sup>th</sup> August

Time	Details	Location
<b>Plenary Session</b> <b>Chair: Professor David Murdoch</b> <i>sponsored by Thermo Fisher Scientific</i>		
9.00am-10.00am	<b>Associate Professor Tim Stinear</b> University of Melbourne <i>Genomic approaches to follow the evolution of persistence and resistance in clinical Staphylococcus aureus infections</i>	Clancy's Room
10.00am-10.30am	<b>Morning tea</b>	Trade Area
<b>Session 4: Fighting back: drug discovery and novel therapeutic approaches</b> <b>Chair: Professor John Crump</b>		
10.30am-11.00am	<b>Dr Kyu Rhee</b> Weill Cornell Medical College, New York <i>Mycobacterial metabolomics: Chemical biology at the interface of pathogen biology and drug development</i>	Clancy's Room
11.00am-11.30am	<b>Dr Siouxsie Wiles</b> University of Auckland <i>Lightening the load: using bioluminescence in the search for new TB drugs</i>	Clancy's Room
11.30am-12.00pm	<b>Dr Lyn Wise</b> University of Otago <i>Exploiting the therapeutic potential of viruses</i>	Clancy's Room
12.00pm-12.30pm	<b>Dr Sheena McGowan</b> Monash University <i>The X-ray crystal structure of PlyC, a novel phage lysin</i>	Clancy's Room
12.30pm-1.30pm	<b>Lunch</b>	Trade Area
<b>Session 5</b> <b>Proffered papers session</b> <b>Chairs: Dr Siouxsie Wiles, Dr Deborah Williamson, Professor Greg Cook</b>		
1.30pm-1.45pm	<b>Dr Mark Baker</b> Medicines for Malaria Venture, Geneva, Switzerland <i>Predicting clinical parasitemia outcomes from preclinical and experimental medicine data</i>	Clancy's Room
1.45pm-2.00pm	<b>Dr Cherie Blenkiron</b> University of Auckland <i>The small RNA profile of medicinal maggot secretions reveals a hidden bacterial cargo</i>	Clancy's Room
2.00pm-2.15pm	<b>Dr Kristin Dyet</b> Institute of Environmental Science & Research, Wellington <i>Characterisation of antibiotic-resistant bacteria in New Zealand</i>	Clancy's Room
2.15pm-2.30pm	<b>Dr Richard Hall</b> Institute of Environmental Science & Research, National Centre for Biosecurity & Infectious Disease, Wallaceville <i>Metagenomic detection of viruses in aerosol samples from workers in animal slaughterhouses</i>	Clancy's Room
2.30pm-2.45pm	<b>Dr Heather Hendrickson</b> Massey University <i>It ain't over 'til it's over: replication termination in bacteria</i>	Clancy's Room

2.45pm-3.00pm	<b>Dr Nikki Moreland</b> University of Auckland <i>Using Antibody Phage Display to Study Infectious Disease</i>	<b>Clancy's Room</b>
3.00pm-3.15pm	<b>Dr Marian Price-Carter</b> National Centre for Biosecurity and Infectious Disease, AgResearch, Wallaceville <i>Whole Genome Sequencing for sourcing Mycobacterium bovis breakdowns</i>	<b>Clancy's Room</b>
3.15pm-3.30pm	<b>Dr Simon Swift</b> University of Auckland <i>Functionalised polyanilines: a family of antibacterial agents for colonisation resistant surfaces</i>	<b>Clancy's Room</b>
3.30pm-4.00pm	<b>Afternoon break</b>	<b>Level 5 Area</b>
<b>Closing plenary</b> <b>Chair: Dr Siouxsie Wiles</b>		
4.00pm-4.50pm	<b>Dr Nico Petty</b> The ithree Institute, University of Technology Sydney <i>Outsmarting emerging pathogens using genomics and crowdsourcing</i>	<b>Clancy's Room</b>
4.50pm-5.00pm	<b>Closing Remarks: Professor Kurt Krause</b>	<b>Clancy's Room</b>
7.00pm-10.00pm	<b>Informal Dinner</b>	<b>Searle Lane &amp; Social, Church Street</b>