

**QMB Programme**  
**TUBERCULOSIS SATELLITE**  
 2<sup>nd</sup> September – 3<sup>rd</sup> September 2010  
 Rydges Hotel, Queenstown, New Zealand

**Wednesday 1<sup>st</sup> September**

Time	Details	Location
2.00pm – 5.00pm	<b>Registration</b>	<b>Level 5 Lobby</b>
7.00pm – 10.00pm	<b>QMB Dinner</b>	<b>Skyline Restaurant</b>

**Thursday 2<sup>nd</sup> September**

Time	Details	Location
<b>Microbiology</b> Chaired by Shaun Lott		
8.30am – 9.15am	<b>Greg Cook (TB01)</b> University of Otago <i>Proline Metabolism by Mycobacteria Protects Against the Toxic Electrophile Methylglyoxal.</i>	<b>Wakatipu Room</b>
9.15am – 10.00am	<b>Siouxsie Wiles (TB02)</b> University of Auckland <i>Biophotonic imaging of infection in vivo.</i>	<b>Wakatipu Room</b>
10.00am – 10.30am	<b>Morning Tea</b>	<b>Trades Area</b>
<b>Structural Biology</b> Chaired by Ted Baker		
10.30am – 11.15am	<b>Snezana Djordjevic (TB03)</b> University College London <i>A Molecular Picture of DosS</i>	<b>Wakatipu Room</b>
11.15am – 12.00pm	<b>Celia Goulding (TB04)</b> University of California, Irvine <i>Discovery of a mycobacterial heme uptake system.</i>	<b>Wakatipu Room</b>
12.00pm – 12.30pm	<b>Ai Fen Chai (TB05)</b> University of Auckland <i>Crystal Structure of Rv1346: An Acyl-ACP Dehydrogenase from the Mycobactin Biosynthetic Pathway in Mycobacterium tuberculosis.</i>	<b>Wakatipu Room</b>
12.30pm – 1.30pm	<b>Lunch</b>	<b>Trades Area</b>
12.15pm – 12.45pm	<b>illumina Lunch Time Session</b> Next Generation Sequencing – The Real Story Speaker: Dr Arjuna Kumarasuriyar – Product Marketing Manager, South Asia Pacific, Illumina Australia	<b>Queenstown Room</b>
12.15pm – 12.45pm	<b>Bio-Rad Lunch Time Session</b> Heart Disease Adventure Discovers New Gene Speaker: Dr Alison Heather, The Heart Research Institute in Sydney	<b>Wakatipu Room</b>

12.00pm – 12.50pm	<b>Biomatters</b> Geneious Pro Lunchtime Workshop	<b>Clancy's Room</b>
<b><u>Drug Discovery I</u></b> <b>Chaired by Greg Cook</b>		<b>JOINT SESSION</b>
1.30pm – 2.00pm	<b>Chris Cooper (TB06)</b> Global Alliance for TB Drug Development <i>TB Drug Discovery and Development: Current Status and Future Prospects</i>	
2.00pm – 2.30pm	<b>Bill Denny (TB07)</b> University of Auckland <i>Development of a 2nd-generation analogue of the clinical bio-reductive tuberculosis drug PA-824.</i>	
2.30pm – 3.00pm	<b>Mudassar Altaf (TB08)</b> Victoria University of Wellington <i>Evaluation of a sensitive in vitro model for tuberculosis drug discovery and identification of a novel growth inhibitor of Mycobacterium tuberculosis.</i>	
3.00pm – 3.30pm	<b>Afternoon Tea</b>	<b>Trades Area</b>

<b><u>Drug Discovery II</u></b> <b>Chaired by Bill Denny</b>		<b>JOINT SESSION</b>
3.30pm – 4.15pm	<b>Richard Payne (TB09)</b> University of Sydney <i>Design, Synthesis and Evaluation of Shikimate Pathway Inhibitors as Antibacterial Leads.</i>	
4.15pm – 4.40pm	<b>Sylvia Luckner (TB10)</b> University of Otago <i>Inhibition of Mycobacterium tuberculosis KasA by Thiolactomycin.</i>	
4.40pm – 5.05pm	<b>Shahista Nisa (TB11)</b> Victoria University of Wellington <i>ParA - a novel target for anti-tubercular drug discovery.</i>	
5.05pm – 5.30pm	<b>Anna Win-Mason (TB12)</b> Victoria University of Wellington/Malaghan Institute <i>Azasugars for the Treatment of Tuberculosis</i>	
5.30pm – 6.00pm	<b>The One-Minute Poster Session</b>	<b>Wakatipu Room</b>
7.00pm – 8.00pm	<b>Panel Discussion: How to Build a Pharmaceutical Industry in New Zealand.</b>	<b>Queenstown Room</b>
8pm onwards	<b>Poster Session and PLP Cocktail Party</b>	<b>Trades Area</b>

**Friday 3<sup>rd</sup> September**

<b>Time</b>	<b>Details</b>	<b>Location</b>
<b><u>Talks selected from abstracts</u></b> <b>Chaired by Vic Arcus</b>		
8.30am – 8.50am	<b>Ashna Khan (TB13)</b> Victoria University of Wellington/Malaghan Institute <i>TDM analogues as modulators of the immune system</i>	<b>Wakatipu Room</b>
8.50am – 9.10am	<b>Jo McKenzie (TB14)</b> University of Waikato <i>The Role of VapBC Proteins in Mycobacteria</i>	<b>Wakatipu Room</b>
9.10am – 9.30am	<b>Hannah Kelly (TB15)</b> Malaghan Institute of Medical Research <i>Worms versus germs: how do worm infections reduce BCG's efficacy?</i>	<b>Wakatipu Room</b>
9.30am – 9.50am	<b>Stephanie Dawes (TB16)</b> University of Auckland <i>Structural characterization of the M. tuberculosis TetR-type transcriptional regulator, Rv3557c/KstR2</i>	<b>Wakatipu Room</b>
10.00am – 10.30am	<b>Morning Tea</b>	<b>Trades Area</b>
<b><u>Immunology I</u></b> <b>Chaired by Des Collins</b>		
10.30am – 11.15am	<b>Angelo Izzo (TB17)</b> Colorado State University <i>Tuberculosis vaccine induced immunity</i>	<b>Wakatipu Room</b>
11.15am – 12.00pm	<b>Neil Wedlock (TB18)</b> AgResearch Ltd <i>Recent progress towards developing a vaccine for bovine tuberculosis.</i>	<b>Wakatipu Room</b>
12.00noon -1.00pm	<b>Lunch</b>	<b>Trades Area</b>

<b><u>Immunology II</u></b> <b>Chaired by Geoff DeLisle</b>		
1.00pm – 1.45pm	<b>Jo Kirman (TB19)</b> Malaghan Institute of Medical Research <i>A key role for lung-resident memory cells in protective immune responses after BCG vaccination.</i>	<b>Wakatipu Room</b>
1.45pm – 2.30pm	<b>Des Collins (TB20)</b> AgResearch Ltd <i>Development of a new tuberculosis vaccine for possums</i>	<b>Wakatipu Room</b>
2.30pm – 3.00pm	<b>Alex McLellan (TB21)</b> University of Otago <i>Coccoid forms of mycobacteria in lymph nodes draining vaccination sites.</i>	<b>Wakatipu Room</b>
3.00pm – 3.15pm	<b>Afternoon Tea</b>	<b>Trades Area</b>

<b><u>Clinical and translational</u></b> <b>Chaired by: Ray Cursons</b>		
3.15pm – 3.55pm	<b>Philip Hill (TB22)</b> University of Otago <i>Tuberculosis Case Contact research in Endemic Tropical settings - A powerful model to build a link between the Field and Laboratory research.</i>	<b>Wakatipu Room</b>
3.55pm – 4.35pm	<b>Noel Karalus (TB23)</b> Waikato District Health Board <i>Clinical Features of Tuberculosis.</i>	<b>Wakatipu Room</b>
4.35pm – 5.20pm	<b>Joshua Freeman (TB24)</b> Auckland District Health Board <i>Multidrug-resistant Tuberculosis in New Zealand: The utility of molecular methods for rapid diagnosis and drug susceptibility testing.</i>	<b>Wakatipu Room</b>
5.20pm – 5.30pm	<b>Conference wrap-up &amp; student prizes</b>	<b>Wakatipu Room</b>
5.45pm – 7.30pm	<b>Earnslaw Cruise</b>	<b>Meet at Steamer Wharf by 5.45pm</b>