

QMB Drug Discovery Satellite Programme

2nd September – 3rd September, 2010
Rydgges Hotel, Queenstown, New Zealand

Wednesday 1st September

Time	Details	Location
2.00pm – 5.00pm	Registration	Rydgges Hotel: Level 5 Lobby
7.00pm – Late	QMB Dinner	Skyline Restaurant

Thursday 2nd September

Time	Details	Location
Session 1: Computational Drug Discover Chaired by Jack Flanagan (Auckland)		
8.00am – 8.30am	Dr Jack Flanagan (DD1) University of Auckland <i>Discovery, development and characterisation of new inhibitors of human hematopoietic prostaglandin D₂ synthase</i>	Clancy's Room
8.30am – 9.00am	Dr Joel Tyndall (DD2) University of Otago <i>Inhibition of the Proinflammatory Cytokine Macrophage Migration Inhibitory Factor by Isothiocyanates</i>	Clancy's Room
9.00am – 9.30am	Richard Furneux (DD3) IRL, Wellington <i>A New Route to Economic Progress in New Zealand</i>	Clancy's Room
9.30am – 10.00am	Dr Ian Street (DD4) WEHI, Melbourne <i>High Throughput Screening – Computationally “Lite” Drug Discovery</i>	Clancy's Room
10.00am – 10.15am	Morning Tea	Trades Area
Session 2: Structure Based Drug Design Chaired by Emily Parker (Canterbury)		
10.15am – 10.45am	Bostjan Kobe (DD5) University of Queensland <i>Identification of antiviral compounds using in silico screening against the dengue virus envelope E protein</i>	Clancy's Room
10.45am – 11.15am	Snezana Djordjevic (DD6) UCL, London <i>Small Molecule Inhibitors of the Neuropilin-1 and Vascular Endothelial Growth Factor A Interaction</i>	Clancy's Room

11.15am – 11.45am	Matt Perugini (DD7) University of Melbourne <i>Multi-Targeted Inhibition of an Essential Tetrameric Enzyme from Bacillus anthracis</i>	Clancy's Room
11.45am – 12.15pm	Emily Parker (DD8) University of Canterbury <i>Natural and synthetic inhibitors of key biosynthetic aldolases</i>	Clancy's Room
12.15pm – 1.30pm	Lunch	Trades Area
12.15pm – 12.45pm	illumina Lunch Time Session Next Generation Sequencing – The Real Story Speaker: Dr Arjuna Kumarasuriyar – Product Marketing Manager, South Asia Pacific, Illumina Australia	Queenstown Room
12.15pm – 12.45pm	Bio-Rad Lunch Time Session Heart Disease Adventure Discovers New Gene Speaker: Dr Alison Heather, The Heart Research Institute in Sydney	Wakatipu Room
12.00pm – 12.50pm	Biomatters Geneious Pro Lunchtime Workshop	Clancy's Room

<u>Parallel Session 3a: Natural products as drugs</u> Chaired by Margaret Brimble (Auckland)		
1:30pm – 2.00pm	Margaret Brimble (DD9) University of Auckland <i>Nature's Medicine Chest – Opportunities for Drug Discovery</i>	Clancy's Room
2.00pm – 2.30pm	Rob Capon (DD10) University of Queensland <i>Are Natural Products made of the Right Stuff?</i>	Clancy's Room
2.30pm – 3.00pm	Paul Teesdale-Spittle (DD11) Victoria University, Wellington <i>Confirmation of the cellular target of pateamine A.</i>	Clancy's Room
<u>Parallel Session 3b : Targetting Tuberculosis</u> Chaired by Greg Cook (University of Otago)		
1.30pm – 2.00pm	Christopher Cooper (DD12) Global Alliance for TB, New York <i>TB Drug Discovery and Development: Current Status and Future Prospects</i>	Wakatipu Room
2.00pm – 2.30pm	Bill Denny (DD13) University of Auckland <i>Development of a 2nd-generation analogue of the clinical bioreductive tuberculosis drug PA-824.</i>	Wakatipu Room

2.30pm – 3.00pm	Mudassar Altaf (DD14) Wellington <i>Evaluation of a sensitive in vitro model for tuberculosis drug discovery and identification of a novel growth inhibitor of Mycobacterium tuberculosis.</i>	Wakatipu Room
3.00pm – 3.30pm	Afternoon Tea	Trades Area
<u>Parallel Session 4a : Drugs Targetting Tuberculosis</u> Chaired by Bill Denny (University of Auckland)		
3.30pm – 4.00pm	Richard Payne (DD15) University of Sydney <i>Design, Synthesis and Evaluation of Shikimate Pathway Inhibitors as Antibacterial Leads.</i>	Wakatipu Room
4.00pm – 4.30pm	Sylvia Luckner (DD16) University of Otago <i>Inhibition of Mycobacterium tuberculosis KasA by Thiolactomycin.</i>	Wakatipu Room
4.30pm – 5.00pm	Shahista Nisa (DD18) Victoria University, Wellington <i>ParA - a novel target for anti-tubercular drug discovery.</i>	Wakatipu Room
5.00pm – 5.30pm	Anna Win-Mason (DD19) Victoria University, Wellington/Malaghan Institute <i>Azasugars for the Treatment of Tuberculosis.</i>	Wakatipu Room
<u>Parallel Session 4b : Cancer Immunology</u> (Joint session with 2nd QMB Cancer Meeting)		
3.30pm – 4.00pm	David Ritchie (DD20) Peter MacCallum Cancer Centre <i>Modification of NK cell function by novel and conventional anti-cancer therapies</i>	Queenstown Room
4.00pm – 4.30pm	Ian Hermans (DD21) Malaghan Institute for Medical Research <i>Designing better dendritic cell-based anti-cancer vaccines</i>	Queenstown Room
4.30pm – 5.00pm	Rod Dunbar (DD22) University of Auckland <i>Synthetic long peptides as vaccine components</i>	Queenstown Room
5.00pm – 5.10pm	Anna Brooks (DD23) University of Auckland <i>Improved Method for Conditioning Cancer Killing T Cells</i>	Queenstown Room
5.10pm – 5.20pm	Melanie McConnell (DD24) Malaghan Institute for Medical Research <i>Drug Resistant GBM Cells Retain IFNgamma-Mediated MHC Induction</i>	Queenstown Room

7.00pm – 8.00pm	Panel Discussion – How to Build a Pharmaceutical Industry in New Zealand (Chair Peter Shepherd: Panelists Ed Watson, Jim Mervis, Peter Surman, Alex Tickle and Robert Feldman)	Queenstown Room
8.00 pm	Poster Session and PLP Cocktail Party	Trades Area

Friday 3rd September		
Time	Details	Location
Session 5: Targetted Delivery Systems Chaired by Bill Wilson (Auckland)		
8.30am – 9.00am	Rob Smith (DD25) Otago University <i>A Small molecule pharmaceutical approach for targetting mitochondrial- based diseases</i>	Clancy's Room
9.00am – 9.30am	Adam Patterson (DD26) University of Auckland <i>Next Generation Hypoxia-activated Prodrugs</i>	Clancy's Room
9.30am – 10.00am	David Ackerley (DD27) Victoria University, Wellington <i>Selection, analysis and evolution of bacterial nitroreductase enzymes for prodrug-mediated cancer gene therapy</i>	Clancy's Room
10.00am – 10.30am	Morning Tea	Trades Area
Session 6: Small Molecule Chemistry Chaired by Gordon Rewcastle (Auckland)		
10.30am – 11.00am	Michael Hay (DD28) University of Auckland <i>New approaches to hypoxia-selective drug development</i>	Clancy's Room
11.00am – 11.30am	Bridget Stocker (DD29) Malaghan Institute, Wellington <i>From drugs to adjuvants: Carbohydrates and their role in preventing and understanding disease</i>	Clancy's Room
11.30am – 12.00pm	Gavin Painter (DD30) IRL- Wellington <i>Drugs from mycobacterial extracts – Immune activation or suppression</i>	Clancy's Room
12.00pm – 12.30pm	Gordon Rewcastle (DD31) University of Auckland <i>The Design and Development of Selective Inhibitors of the Phosphoinositide 3-kinase (PI3K) Signal Transduction Pathway as Potential Anticancer Agents</i>	Clancy's Room
12.30pm – 1.30pm	Lunch	Trades Area

Friday 3 September		
Time	Details	Location
Session 7: Technology Showcase Chaired by Christina Buchanan (Auckland)		
1.30pm – 2.00pm	Profiling the New Zealand Pharmaceutical Industry Peter Surmen (Douglas Pharmaceuticals)	Clancy's Room
2.00pm – 2.30pm	Timothy Wong (DD31) Invitrogen <i>New technologies for drug screening</i>	Clancy's Room
2.30pm – 3.00pm	Phil Crosier (DD32) University of Auckland <i>Fishing for small molecules using high content screens</i>	Clancy's Room
3.00pm – 3.15pm	Afternoon tea	Trades Area
Session 8: Targets for Cancer Drugs Joint Session with Cancer Satellite Chaired by Peter Shepherd (University of Auckland)		
3.15pm – 3.45pm	Gary Parkinson (DD33) School of Pharmacy, University of London <i>Telomerase inhibition through telomeric DNA and RNA stabilization</i>	Queenstown Room
3.45pm – 4.15pm	Roger Daly (DD34) Garvan Institute, Sydney <i>Tyrosine phosphorylation profiling reveals the signalling network characteristics of basal breast cancer cells</i>	Queenstown Room
4.15pm – 4.45pm	Peter Vogt (DD35) Scripps Inst, San Diego <i>Oncogenic mutations in the catalytic and regulatory subunits of class IA PI3K</i>	Queenstown Room
4.45pm – 5.15pm	Peter Shepherd (DD36) University of Auckland <i>The Ups and Downs of Developing PI 3-kinase Inhibitors to Treat Cancer</i>	Queenstown Room
5.15pm	Meeting Closed	
5.45pm – 7.30pm	Boarding the Earnslaw for Twilight Cruise (It departs at 6pm on the dot)	Meet at Steamer Wharf at 5.45pm