

PROGRAMME DRAFT

QRW Programme Drug Discovery Satellite 28 August – 29 August, 2016 Rutherford Hotel, Nelson, New Zealand		
Sunday 28 August		
Time	Details	Location
<u>Plenary Lectures</u> Chaired by Gary Evans		
8.50am-9.00am	Introduction : Gary Evans and Joanne Harvey Victoria University of Wellington	Wairau Room
9.00am-9.40am	Chris Burns (DD1) WEHI, Australia <i>Targeting BET bromodomains for the treatment of cancer</i>	Wairau Room
9.40am-10.00am	Greg Cook (DD2) University of Otago <i>New TB drugs work by a common mechanism: uncouplers of the respiratory chain</i>	Wairau Room
10.00am-10.30am	Morning Tea	Maitai 1
<u>Natural Product-Based Drug Discovery</u> Chaired by Simon Hinkley		
10.30am-10.50am	Mike Kelso (DD3) Illawarra Health and Medical Research Institute and School of Chemistry, University of Wollongong <i>NO-Donor Cephalosporins as New Agents Against Bacterial Biofilms</i>	Wairau Room
10.50am-11.10am	Paul Teesdale-Spittle (DD4) Victoria University of Wellington, Centre for Biodiscovery <i>Regulation of protein production with pateamine</i>	Wairau Room
11.10am-11.30am	Moana Tercel (DD5) University of Auckland, ACSRC <i>From duocarmycins to nitroCBIs: converting toxic DNA alkylators into hypoxia-selective antitumour agents</i>	Wairau Room
11.30am-11.50am	Darby Brooke (DD6) Cawthron Institute <i>Semisynthesis-Based Structure-Activity Exploration of Portimine</i>	Wairau Room
11.50am-12.10pm	Margaret Brimble (DD7) University of Auckland <i>Nature's Medicine Chest – Opportunities For Drug Discovery</i>	Wairau Room

12.10pm-12.30pm	Poster Short Talks (Chair Joanne Harvey): Marina Rajic (Poster DD43) Sameek Singh (Poster DD44)	Wairau Room
12.30pm-1.30pm	Lunch	Maitai 1
<u>Natural Compounds in Drug Discovery</u> Chaired by Dan Furkert		
1.30pm-1.50pm	Antony Fairbanks (DD8) University of Canterbury <i>Fun with arabinose? Looking for new small molecule anti-mycobacterial agents</i>	Wairau Room
1.50pm-2.10pm	Andrew Munkacsi (DD9) Victoria University of Wellington, Centre for Biodiscovery <i>Psychotria insularum, a Samoan medicinal plant, is therapeutic via disruption of iron availability</i>	Wairau Room
2.10pm-2.30pm	Bill Hawkins (DD10) University of Otago <i>One Ring To Rule Them All: The synthesis of biologically relevant compounds from cyclopropanes</i>	Wairau Room
2.30pm-2.50pm	Jeremy Owen (DD11) Victoria University of Wellington, Centre for Biodiscovery <i>Metagenome mining for the discovery of new bioactive natural products</i>	Wairau Room
2.50pm-3.30pm	Poster Short Talks (Chair Joanne Harvey): Daniel Ayine-Tora (Poster DD38) Sophie Geyrhofer (Poster DD40) Luke Stevenson (Poster DD45) Amy Tong (Poster DD48)	Wairau Room
3.30pm-4.00pm	Afternoon Tea	Maitai 1
<u>Cancer Immunotherapy – joint session with Cancer Biology Satellite</u> Chaired by Rod Dunbar		
4.00pm-4.20pm	Ian Hermans (DD12/CB13) Malaghan Institute of Medical Research <i>Helping cancer vaccines</i>	Maitai 2
4.20pm-4.40pm	Gavin Painter (DD13/CB14) Victoria University of Wellington, Ferrier Institute <i>Bioorthogonal synthesis and antitumour activity of CD1d dependent glycolipid-peptide vaccines</i>	Maitai 2
4.40pm-5.00pm	David Larsen (DD14/CB15) University of Otago <i>Synthesis and Activity of 6''-Deoxy-6''-Thio-α-GalCer and Peptide Conjugates</i>	Maitai 2

5.00pm-5.20pm	Sarah Young (DD15/CB16) University of Otago <i>Enhancing immune therapies for cancer</i>	Maitai 2
5.20pm-5.40pm	Bridget Stocker (DD16/CB17) Victoria University of Wellington <i>Trehalose Glycolipids: 'Upping the Ante'</i>	Maitai 2
5.40pm-6.00pm	Poster Short Talks (Chair Rod Dunbar): Kaveesha Bodiyaudu (Poster CB61) Lydia Liew (Poster DD42)	Maitai 2
Poster Session Maitai 2		
6.00pm-7.30pm	See listings in Abstract Book	Maitai 2
Dinner – joint with Cancer Satellite Venue - Styx Restaurant		

Monday 29 August		
Time	Details	Location
Joint Plenary Lecture Chaired by Peter Shepherd		
8.00am–8.30am	Roger Williams (DD17/CB20) MRC Laboratory of Molecular Biology, Cambridge <i>Structural adaptations of Class III PI3K and a PIKK to regulate cellular homeostasis</i>	Maitai 2
Medicinal Chemistry and Pharmacology Chaired by Antony Fairbanks		
8.35am-9.00am	Craig Williams (DD18) University of Queensland, Australia <i>Cubane: a Benzene Isostere!</i>	Wairau Room
9.00am-9.20am	Gordon Rewcastle (DD19) University of Auckland, ACSRC <i>Discovery and Development of PI3-Kinase Delta Inhibitors</i>	Wairau Room
9.20am-9.40am	Mattie Timmer (DD20) Victoria University of Wellington <i>Oxyamine linker methodology for the synthesis of glycoconjugates</i>	Wairau Room
9.40am-10.00am	Bill Denny (DD21) University of Auckland, ACSRC <i>Second-generation analogues of the "new" TB drug bedaquiline</i>	Wairau Room

10.00am-10.30am	Morning tea	Maitai 1
<u>Structure-Based Drug Design</u> Chaired by Emily Parker		
10.30am-10.50am	Joel Tyndall (DD22) University of Otago <i>Targeting a multimeric protease for new Chlamydia therapeutics</i>	Wairau Room
10.50am-11.10am	Jóhannes Reynisson (DD23) University of Auckland <i>Virtual screening for novel Atg5-Atg16 complex inhibitors for autophagy modulation</i>	Wairau Room
11.10am-11.30am	Gert-Jan Moggré (DD24) University of Canterbury <i>Transition state analysis for ATP-PRT enzymes</i>	Wairau Room
11.30am-11.50am	Jackie Kendall (DD25) University of Auckland, ACSRC <i>Designing a Novel Series of p110α-Selective Phosphoinositide 3-Kinase Inhibitors: A Scaffold Hopping Approach</i>	Wairau Room
11.50am-12.10pm	Jack Flanagan (DD26) University of Auckland, ACSRC <i>Features that influence inhibitor preference between different PI-3 kinases</i>	Wairau Room
12.10pm-12.30pm	Jeff Smaill (DD27) University of Auckland <i>Design and synthesis of SN36506: An optimised second generation hypoxia-selective cytotoxin under clinical development</i>	Wairau Room
12.30pm-1.30pm	Lunch	Maitai 1
<u>Structural Biology and Drug-Target Interactions</u> Chaired by Ren Dobson		
1.30pm-1.50pm	Nuala Helsby (DD28) University of Auckland <i>Drug metabolism:- is it simply an esoteric academic exercise?</i>	Wairau Room
1.50pm-2.10pm	Jo Perry (DD29) University of Auckland, Liggins Institute <i>Development of a functional and biophysical screening pipeline to identify inhibitors of the growth hormone receptor</i>	Wairau Room
2.10pm-2.30pm	Dan Furkert (DD30) University of Auckland <i>Multifunctional ligands of the CB1 Cannabinoid GPCR, an intriguing challenge in drug design</i>	Wairau Room

<u>Commercialisation of Drug Discovery Research</u> Chaired by Charles Eason		
2.30pm-2.50pm	Warwick Tong (DD31) Cancer Therapeutics CRC, Australia <i>Collaboration, Translation and Commercialisation; Finding a Path to Success</i>	Wairau Room
2.50pm-3.10pm	Melissa Yiannoutsos (DD32) PowerHouse-Ventures <i>Commercialising Intellectual Property Arising from Drug Discovery</i>	Wairau Room
3.10pm-3.30pm	Jon Ashen (DD33) AJ Park <i>An Intellectual Property Horror Story – The Shade of Teixobactin and the Ghost of Patents Past</i>	Wairau Room
3.30pm-4.00pm	Afternoon Tea	Maitai 1
<u>Translation of Drug Discovery to the Clinic and Market</u> Chaired by Charles Eason		
4.00pm-4.20pm	Greg Arndt (DD34) Children’s Cancer Institute, Australia <i>In Vitro Drug Sensitivity Testing Of Cancer Patient Cells For “Individualized” Treatments</i>	Wairau Room
4.20pm-4.40pm	Paul Benjes (DD35) GlycoSyn <i>Commercialisation – Spending Money to Make Money!</i>	Wairau Room
4.40pm-5.00pm	Richard Furneaux (DD36) Victoria University of Wellington, Ferrier Institute <i>War stories from protecting inventions</i>	Wairau Room
5.00pm-5.50pm	Panel Discussion	Wairau Room
5.50pm-5.55pm	Close of Drug Discovery Satellite	Wairau Room
<u>QMB Plenary Lecture</u>		