

# Queenstown Research Week Programme 2016

Plant Molecular Biology Satellite Meeting

Rutherford Hotel, Nelson

1-2 September 2016

Waimea Room.

<b>Wednesday 31 August</b>		
<b>Time</b>	<b>Details</b>	
1800	<b>Social programme - Fashionomics</b>	<b>Rutherford Lobby</b>
1930	<b>Social programme - Queenstown Research Week Conference Dinner</b>	<b>Maitai 2</b>
<b>Thursday 1 September</b>		
0830-0835	Welcome <b>Session 1 Plant Development (Chair Richard Macknight)</b>	<b>Waimea Room</b>
0835-0910	<b>P1 Zhongchi Liu</b> - University of Maryland, USA <i>"Genomic approach in identifying genes and gene networks that regulate strawberry fruit development"</i> .	
0910-0935	<b>P2 John Bowman</b> – Monash University, Melbourne. <i>"Evolution of the cycles of life in plants"</i>	
0935-0955	<b>P3 Jo Putterill</b> , University of Auckland, New Zealand <i>"Flowering on time in Medicago"</i>	
0955-1015	<b>P4 Robert Schaffer</b> , University of Auckland, and PFR <i>"From tomato to kiwifruit, same but different"</i>	
1015-1050	Morning Tea	<b>Maitai 1</b>
1050	<b>Session 2 Plant Development 2 (Chair Donna Bond)</b>	<b>Waimea Room</b>
1050-1125	<b>P5 Rob Martienssen</b> , Cold Spring Harbor Laboratory, USA sponsored by NeSI, NZGL & REANNZ <i>"Heterochromatin reprogramming and epigenetic inheritance: how to avoid BadKarma"</i>	  
1125-1150	<b>P6 Jim Weller</b> University of Tasmania, Australia <i>"The pea CYCLING DOF FACTOR gene LATE2 participates in the flowering response to photoperiod"</i>	
1150-1230	Fast forward – 2 minute student abstract presentations (from poster session)	<b>Waimea Room</b>
1230-1345	Lunch	
1345	<b>Session 3 Cellular Signalling (joint session with Cellular Communications Satellite) (Chair Kevin Davies)</b>	<b>Waimea Room</b>
1345-1430	<b>P7 Marilyn Anderson</b> , La Trobe University, Melbourne <i>"Fungal cell walls are dynamic structures that can enhance cell survival in the presence of antifungal molecules"</i>	
1430-1500	<b>P8 Barry Pogson</b> , Australian National University, Canberra	

1500-1530	<p><i>"Learning the Language of the Chloroplast: Retrograde Signals That Regulate Stomatal and ABA responses"</i></p> <p><b>P9 Bruce Veit</b>, Massey University, Palmerston North.  <i>"A genetic analysis of TOR in plants: Novel facets of an ancient form of growth control"</i></p>	
1530-1600	Afternoon Tea	
1600	<b>Session 4 Molecular plant-microbe interactions (Chair Phil Wilcox)</b>	<b>Waimea Room</b>
1600-1635	<p><b>P10 Kee Sohn</b>, Pohang University, South Korea  <i>"Comparative analysis of NLR-mediated recognition of a bacterial effector AvrRpt2 in Malus robusta and Arabidopsis thaliana"</i></p>	
1635-1655	<p><b>P11 Barry Scott</b>, Massey University, Palmerston North  <i>"SymB and SymC, two membrane associated proteins, are required for Epichloë festucae hyphal cell-cell fusion and establishment of a mutualistic interaction with Lolium perenne"</i></p>	
1655-1715	<p><b>P12 Carl Mesarich</b>, Massey University, Palmerston North  <i>"The apoplastic secretome of the tomato leaf mould pathogen Cladosporium fulvum"</i></p>	
1715-1730	<p><b>P13 Natalie Graham</b>, Scion, Rotorua.  <i>"Is it greener on the other side? Predicting disease resistance in radiata pine using genomics"</i></p>	
1800-1930	Poster Sessions/Mixer	<b>Maitai 2</b>

<b>Friday 2 September</b>		
<b>Time</b>	<b>Details</b>	
0830	<b>Session 5 New Technologies in Plant Genetics (joint session with Genomics Satellite/MapNet) (Chair Jeanne Jacobs)</b>	<b>Waimea Room</b>
0830-0910	<p><b>P14 Charlie Brummer</b> University of California Davis, USA  <i>"Genomics assisted yield improvement in alfalfa - Are we making more hay?"</i></p>	
0910-0930	<p><b>P15 David Chagne</b> PFR, Palmerston North  <i>"Manuka genome assembly using chromosome conformation capture Hi-C analysis"</i></p>	
0930-0950	<p><b>P16 Jaroslav Klapste</b> Scion, Rotorua  <i>"Efficiency of "Genotyping-by-sequencing" platform to recover genetic relatedness"</i></p>	
0950-1010	<p><b>P17 Nick Roberts</b>, AgResearch, Palmerston North  <i>"Predicting the future of C3 plants using a modified small structural protein "</i></p>	
1010-1045	Morning Tea	<b>Maitai 1</b>
1045	<b>Session 6 Secondary Metabolism and health (Chair Chris Winefield)</b>	<b>Waimea Room</b>
1045-1110	<p><b>P18 Rachel Burton</b>, University of Adelaide, Australia.  <i>"Identification of plant cell wall genes using seed mucilage"</i></p>	
1110-1135	<p><b>P19 Ute Roessner</b>, University of Melbourne, Australia.  <i>"Spatially resolved systems biology to identify novel salinity tolerance mechanisms in barley roots"</i></p>	
1135-1155	<p><b>P20 Kathy Schwinn</b>, PFR, Palmerston North  <i>"Evolution and function of betalain pigments"</i></p>	

1155-1215	<p><b>P21 Nick Albert</b> PFR, Palmerston North, sponsored by Bio-Strategy  <i>Ancient origins of UV tolerance in land plants</i></p> 	
1215-1330	Lunch	
1330	<b>Session 7 Genome modification and regulation (Chair Andy Allan)</b>	<b>Waimea Room</b>
1330-1405	<p><b>P22 Keith Slotkin</b> Ohio State University, USA  <i>"Establishment of Chromatin Modification: How the cell recognizes and triggers transposable elements for trans-generational silencing"</i></p>	
1405-1430	<p><b>P23 Roger Hellens</b>, Queensland University of Technology, Australia, sponsored by Medi'Ray NZ Ltd  <i>Where are all the small peptides and what might they do?</i></p> 	
1430-1505	<p><b>P24 Shaun Curtin</b>, USDA-ARS Cereal Disease Laboratory  <i>"CRISPR and Crops for crisp crops"</i></p>	
1505-1530	<p><b>P25 Peter Waterhouse</b>, Queensland University of Technology, Australia  <i>"Genome Editing Benthos"</i></p>	
1530-1610	Afternoon Tea	Maitai 1
1610-1720	<b>Session 8</b>	<b>Waimea Room</b>
	<b><u>Roger Slack Award, NZSPB</u></b>	
1610-1620	<b>Introduction</b>	
1620-1650	<p><b>P26 Dr Cate Macinnis-Ng</b> School of Biological Sciences, Auckland  <i>"Kauri: forest giants in a changing climate"</i></p>	
	<b><u>Mike McManus Award</u></b>	
1650-1655	<b>Introduction</b>	
1650-1710	<p><b>P27 Dr Afsana Islam</b> Massey University, PN, and Ehime University, Japan  <i>"Functions of Kunitz proteinase inhibitors in white clover (Trifolium repens L.): development and defense"</i></p>	
1710-1715	Conference Close	<b>Waimea Room</b>