

QRW Satellite
CRISPR Technologies
Monday 30th August 2021
Rydges Hotel, Queenstown, New Zealand

Monday 30 August

Time	Details	Location
8:30am - 9:30 am	Mihi whakatau	Queenstown Room
9:30am - 9:45am	Morning Tea	Level 5, Lobby
9:45am – 10:30am	Mihi whakatau continues	Clancy Room
10.30am - 10.40m	Introduction: Peter Fineran	Wakatipu Rm
Session 1: Clinical applications of CRISPR Chaired by: J. Hollywood (Auckland)		
10.40am - 11.05am	Ciaran Lee ZOOM (C1) University College Cork, Ireland <i>CRISPR gene editing. Proceed with caution</i>	Wakatipu Rm
11.05am – 11.30am	Alasdair Russell ZOOM (C2) Cancer Research UK, Cambridge <i>Title</i>	Wakatipu Rm
11.30am - 11.45am	Hilary Sheppard (C3) <i>sponsored by Maurice Wilkins Centre</i> University of Auckland <i>Gene-editing for the clinic</i>	Wakatipu Rm
11.45am – 12.00pm	Tet Woo Lee (C4) University of Auckland, ACSRC <i>GCVL – A tool to disentangle different biological effects in pooled CRISPR/Cas9 knockout screens</i>	Wakatipu Rm
12.00am - 12.15pm	Barbara Lipert (C5) University of Auckland, ACSRC <i>Lessons from genetic screens and single-gene knockouts with the CRISPR/Cas9 system</i>	Wakatipu Rm
12.15m - 12.25pm	Rakesh Banerjee (C6), University of Otago <i>Investigating DNA methylation as a mechanism for paradoxical gene activation using targeted epigenetic editing</i>	Wakatipu Rm
12.25pm - 12.35pm	Chloe Malhi (C7), University of Auckland, <i>Dissecting the PD-1/PD-L1 axis in melanoma using a microRNA-based fine-tuning approach.</i>	Wakatipu Rm
12.35pm – 1.30pm	LUNCH	Level 5 & Trade Area
1.30pm - 1.45pm	Aniruddha Chatterjee (C8) sponsored by QIAGEN University of Otago <i>Editing DNA methylation in cancer cells</i>	Wakatipu Rm
1.45pm - 2.00pm	Sarah Diermeier (C9) sponsored by Thermo Fisher Scientific University of Otago <i>CRISPR/Cas technologies to study long non-coding RNAs</i>	Wakatipu Rm
Session 2: New CRISPR technologies and biology Chaired by: P. xxxx		
2.00pm – 2.25pm	Gavin Knott ZOOM (C10) Monash University, Australia	Wakatipu Rm

	<i>'Squeezing DNA into the active site' – How ABEs edit the genome</i>	
2.25pm – 2.35pm	Luke Stevenson (C11) Victoria University, Wellington, Ferrier Institute <i>Developing a CRISPR-Cas9 system in Penicillium paxilli for secondary metabolite production</i>	Wakatipu Rm
2.35pm – 2.45pm	Leah Smith (C12) University of Otago <i>Inverse regulation of CRISPR-Cas and surface-based immunity discriminates plasmids versus phages</i>	Wakatipu Rm
2.45pm – 2.55pm	David Mayo Muñoz (C13) University of Otago <i>Type III CRISPR-Cas enables resistance against nucleus-forming jumbo phages</i>	Wakatipu Rm
2.55pm – 3.05pm	Nils Birkholz (C14) University of Otago <i>Insights into anti-CRISPR control by the autoregulator Aca2</i>	Wakatipu Rm
3.05pm – 3.15pm	Saddlee Shehreen (C15) University of Otago <i>Genome-wide analyses highlight the importance of anti-CRISPR regulation in mobile genetic elements</i>	Wakatipu Rm
3.15pm – 3.30pm	Joanna Putterill (C16) University of Auckland <i>What are they doING in flowering time and development? Gene editing of INHIBITOR OF GROWTH genes in the model legume Medicago</i>	Wakatipu Rm
3.30pm – 4.00pm	AFTERNOON TEA	Level 5 & Trade Area
Session 3: CRISPR in model systems Chaired by: I. Basak (Otago)		
4.00pm – 4.15pm	Prasanna Kallingappa (C17) University of Auckland, VJU <i>Fine Tuning CRISPR/Cas9 for Generating Genetically Altered Rodents</i>	Wakatipu Rm
4.15pm – 4.30pm	Björn Oback (C18) <i>sponsored by Bio-Rad Laboratories Pty Ltd</i> AgResearch, Ruakura <i>Fetal kidney complementation in gene edited, immune-compatible sheep</i>	Wakatipu Rm
4.30pm – 4.45pm	Tanja Linnerz (C19) University of Auckland <i>Exploring the role for the gout susceptibility gene ABCG2 during acute gouty inflammation</i>	Wakatipu Rm
4.45pm – 4.55pm	Natasha Elizabeth Mckean (C20) University of Auckland <i>Creating a Transgenic Sheep Model of Alzheimer's Disease</i>	Wakatipu Rm
4.55pm – 5.05pm	Brittany Vining ZOOM (C21) Monash University, Australia <i>NT2/D1-cas9: a novel in vitro model for male human disorders of sex development</i>	Wakatipu Rm
5.05pm	Closing remarks: V. Sander (Auckland)	Wakatipu Rm
From 5.15pm	POSTER SESSION <i>sponsored by Bio-Rad Laboratories Pty Ltd</i>	Level 7, Marquee

5.00pm-7.30pm	EVENING SOCIAL FUNCTION <i>sponsored by Millennium Science</i> Canapes and drinks	Level 4, Trade Area
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