

Queenstown Research Week 2016 Diabetes and Obesity Satellite Meeting, Rutherford Hotel, Nelson, 1-2 Sept 2016

Time	Details
Wednesday	
1800	Social programme - Fashionomics
1930	Social programme - Queenstown Research Week Conference Dinner
Thursday	
0850	Welcome <u>Session 1 Central Mechanisms Regulating Energy Metabolism (Chair Dave Grattan)</u> Zane Andrews - Monash University, Melbourne <i>Carnitine metabolism in hunger-sensing AgRP neurons controls energy and glucose homeostasis</i> Denovan Begg - UNSW, Sydney <i>Insulin transport and action in the central nervous system</i>
1000	Morning Tea
1030	<u>Session 2 Central Mechanisms Regulating Energy Metabolism (Chair Zane Andrews)</u> Pawel Olzewski - Waikato University <i>TBC</i> Kathy Mountjoy , University of Auckland <i>Sexually dimorphic mouse obesity</i> Dave Grattan , University of Otago <i>Feeding-induced stabilisation of beta-catenin in the hypothalamus: A novel pathway in the homeostatic regulation of metabolism?</i> Alex Tups University of Otago <i>Brain inflammation and its essential role in obesity, type 2 diabetes and cognition</i>
1230	Lunch
1330	<u>Session 3 Hormone Action (Chair Debie Hay)</u> MingWei Wang , National centre for Drug Screening, Shanghai <i>WNN2476-A011, a small molecule inhibitor of thioredoxin-interacting protein, ameliorates β-cell dysfunction and exerts therapeutic effects in mouse models of diabetes</i> Greg Smith , University of New South Wales, Sydney <i>Targeting glucagon signaling to treat diabetes</i> Kerry Loomes , University of Auckland <i>Regulation of energy metabolism by the neuropeptide, α-calcitonin gene-related peptide</i> Peter Shepherd , University of Auckland <i>The catenins as a major component of the glucose sensitive insulin secretion system</i>
15.30	Afternoon Tea

16:00	<p><u>Session 4 Regulating Hormone Secretion/ GPCR signalling</u> Joint with Cellular Communications Satellite Weiping Han, Singapore Bioimaging Consortium <i>Insulin secretion mechanisms</i> Debbie Hay, University of Auckland <i>Amylin agonists in diabetes and obesity</i> Patrick Sexton – Monash, Melbourne <i>Understanding biased agonism at the GLP-1 receptor</i></p>
17.30-1930	Poster Sessions/Mixer

Friday	Details
0900	<p><u>Session 5 Gut (Chair Justion O’Sullivan)</u> Xochitl Morgan, University of Otago <i>Understanding disease and lifestyle effects in metagenomic data</i> Rinki Murphy , University of Auckland <i>Modulating the gut to improve Type-2 diabetes</i></p>
1000	Morning Tea
1030	<p><u>Session 6 Genetics - Joint session with Genomics satellite (Chair Peter Shepherd)</u> Steve McGarvey, Brown University, USA <i>Identification of a new obesity gene in the Samoan population</i> Tony Merriman, University of Otago <i>Genetics of gout in Maori and Pacific people</i> Rinki Murphy, University of Auckland <i>Monogenic diabetes</i></p>
1210	Lunch
1330	<p><u>Session 7 Metabolism (Chair Kerry Loomes)</u> Greg Smith, UNSW, Sydney <i>NAD insufficiency as a reversible cause of ageing and infertility</i> Nigel Turner, UNSW, Sydney <i>Targeting NAD biosynthesis to improve metabolism and prevent disease</i> Donghai Wu – Guangzhou Institute of Biomedicine and Health <i>"Screening and characterization of small molecules that induce brown fat for the treatment of metabolic disorders".</i></p>
1500	Afternoon Tea
15.30	<p><u>Session 8 Epigenetics (Donia McCartney-Coxon)</u> Anna Ponnappalam - Liggins Institute, Auckland TBC Justin O’Sullivan - Liggins Institute, Auckland <i>Connecting Diabetes SNPs with their metabolic pathways.</i> Donia McCartney Coxson – ESR, Wellington <i>The liver DNA methylome in obesity and type-two diabetes”</i> Cath Suter – Victor Chang, Sydney <i>Paternal transmission of obesity-related traits</i></p>
17.30	Conference Close
1800-	Maurice Wilkins Centre Social event