

QMB Muscle Satellite Meeting Programme
MUSCLE PROGENITORS, STEM CELLS AND POST-NATAL GROWTH

2nd September – 3rd September, 2010
 Rydges Hotel & Crowne Plaza Hotel, Queenstown, New Zealand

Thursday 2nd September

Time	Details	Location
8.30am – 8.45am	Welcome (Chris McMahon)	Crowne Plaza: Crowne 3
<u>Stem cells and muscle development</u> Chaired by Chris McMahon (Agresearch)		
8.45am – 9.30am	Shahragim Tajbakhsh (M1) Pasteur Institute <i>Making skeletal muscle from stem cells during development and regeneration</i>	Crowne Plaza: Crowne 3
9.30am – 10.00am	Marilyn Duxson (M2) University of Otago <i>Understanding myogenic precursors in the developing limb</i>	Crowne Plaza: Crowne 3
10.00am – 10.30 am	Morning Tea	Crowne Plaza Atrium
<u>Stem cells and muscle development (cont)</u> Chaired by Marilyn Duxson (University of Otago)		
10.30am – 11.00am	Ketan Patel (M3) Reading University <i>A blebbing/amoeboid based mechanism regulates adult skeletal muscle stem cell migration</i>	Crowne Plaza: Crowne 3
11.00am – 11.30am	Peter Currie (M4) Australian Regenerative Medicine Institute, Monash University <i>Modelling muscle growth, regeneration and disease in the zebrafish</i>	Crowne Plaza: Crowne 3
11.30am – 11.45am	Chantal Coles (M5) Discovery Technologies, Department Primary Industries, Bundoora, Vic <i>ADAM 12 is important for signalling cell proliferation during myogenesis</i>	Crowne Plaza: Crowne 3
11.45am – 12.00pm	Jason White (M6) University of Melbourne <i>Proteoglycan re-modelling during skeletal muscle regeneration</i>	Crowne Plaza: Crowne 3
12.00pm – 1.00pm	Lunch	Rydges Hotel: 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	Rydges Hotel: 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	Rydges Hotel: Wakatipu Room
12.00pm – 12.50pm	Biomatters Geneious Pro Lunchtime Workshop	Rydges Hotel: Clancy's Room
<u>Dystrophies, Disease, Exercise and Ageing</u> Chaired by Heather Smith (University of Auckland)		
1.00pm – 1.30pm	Peter Zammit (M7) Kings College, London, UK <i>Satellite cell function in healthy and diseased muscle.</i>	Crowne Plaza: Crowne 3
1.30pm – 2.00pm	Edna Hardeman (M8) Medical Sciences, Uni New South Wales <i>Regenerating muscle elaborates blood borne factors which promote stem cell recruitment</i>	Crowne Plaza: Crowne 3
2.00pm – 2.30pm	Miranda Grounds (M9) University of Western Australia <i>The role of muscle stem cells and denervation in sarcopenia</i>	Crowne Plaza: Crowne 3
2.30pm – 2.45pm	Phil Sheard (M10) University of Otago <i>Age-related loss of fibers varies widely between mouse skeletal muscles</i>	Crowne Plaza: Crowne 3
2.45pm – 3.00pm	Eleanor Mackie (M11) University of Melbourne <i>Osteopontin is required for normal skeletal muscle degeneration and regeneration</i>	Crowne Plaza: Crowne 3
3.00pm – 3.30pm	Afternoon Tea	Crowne Plaza Atrium
<u>Dystrophies, Disease, Exercise and Ageing (cont)</u> Chaired by Miranda Grounds (University of Western Australia)		
3.30pm – 3.45pm	Heather Smith (M12) University of Auckland <i>Exercise stimuli and satellite cells in postnatal muscle growth and the maintenance and hypertrophy of muscle in adulthood</i>	Crowne Plaza: Crowne 3

3.45pm – 4.00pm	David Rowlands (M13) Massey University <i>Analysis of global mRNA expression and mTOR pathway signalling in human skeletal muscle during recovery from intense endurance exercise: effect of protein feeding</i>	Crowne Plaza: Crowne 3
4.00pm – 4.15pm	Troy Merry (M14) University of Melbourne <i>Downstream mechanisms of nitric oxide mediated skeletal muscle glucose uptake during contraction</i>	Crowne Plaza: Crowne 3
4.15pm – 4.30pm	Adam Storey (M5) University of Auckland <i>Acute blood transcriptional responses to intense muscular exercise training in olympic weightlifters</i>	Crowne Plaza: Crowne 3
4.30pm – 4.45pm	Liam Hunt (M16) University of Melbourne <i>Spatiotemporal expression of the cytokine leukemia inhibitory factor and receptor in regenerating skeletal muscle</i>	Crowne Plaza: Crowne 3
4.45pm – 5.00pm	Gayle Smythe (M17) Charles Sturt University <i>The involvement of specific muscle groups in dystrophin-deficient muscular dystrophy is conserved in vitro</i>	Crowne Plaza: Crowne 3
5.00pm – 5.15pm	Chris Gorman (M18) University of Melbourne <i>The Role of Hyaluronan Synthase-2 (Has2) in Skeletal Muscle Myogenesis</i>	Crowne Plaza: Crowne 3
5.15pm – 5.30pm	Chris McMahon (M19) Agresearch Ltd <i>A novel splice variant of myostatin (MSV) protects muscles against cachexia</i>	Crowne Plaza: Crowne 3
7.00pm – 10.00pm	Dinner at The Wine Kitchen & Kitchen	Please be at Rydges Hotel reception at 7pm

Friday 3rd September		
Time	Details	Location
<u>Muscle Genes and Growth</u> Chaired by Chris McMahon (Agresearch Ltd)		
8.30am – 9.00am	Hutton Oddy (M20) University of New England, Armidale <i>Integration of genomics based technologies to understand genetic control of muscle growth in sheep</i>	Crowne Plaza: Crowne 3
9.00am – 9.30am	Ross Tellam (M21) CSIRO <i>Ovine skeletal muscle hypertrophy caused by the callipyge mutation involves epigenetic changes</i>	Crowne Plaza: Crowne 3
9.30am – 10.00am	Jason White (M22) University of Melbourne <i>Biomedical lessons from production animal models of skeletal muscle hypertrophy</i>	Crowne Plaza: Crowne 3
10.00am – 10.30am	Morning Tea	Crowne Plaza Atrium
<u>Muscle Genes and Growth</u> Chaired by Jason White (University of Melbourne)		
10.30am – 11.00am	Frank Jeanplong (M23) Agresearch Ltd <i>Discovery of a splice-variant of myostatin that promotes myogenesis</i>	Crowne Plaza: Crowne 3
11.00am – 11.15am	Chris McMahon (M24) Agresearch Ltd <i>Myostatin and the splice variant MSV are differentially regulated by nutrition and sepsis</i>	Crowne Plaza: Crowne 3
11.15am – 11.30am	Rita Lee (M25) Agresearch Ltd <i>Bovine fetuses cloned by somatic cell nuclear transfers show enhanced muscle development</i>	Crowne Plaza: Crowne 3
11.30am – 11.45am	Sajee Kunhareang (M26) Lincoln University <i>Genes associated with muscle growth in pigs</i>	Crowne Plaza: Crowne 3
11.45am – 12.00pm	Chris McMahon (M27) Agresearch Ltd <i>IGF-1 has a synergistic effect on muscle development in the absence of myostatin</i>	Crowne Plaza: Crowne 3
12.00pm – 1.00pm	Lunch and finish	Rydges Hotel: Trades Area
5.45pm – 7.30pm	Earnslaw Cruise	Meet at Steamer Wharf by 5.45pm