

<p>QRW Programme</p> <p>Stem Cells & Regenerative Medicine Satellite Day 1</p> <p>28 August – 29 August, 2016</p> <p>Rutherford Hotel, Nelson, New Zealand</p>
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Sunday 28 August		
Time	Details	Location
<u>Welcome</u>		
8.55am - 9.00am	Assoc Prof Tim Woodfield (University of Otago Christchurch)	Riwaka Room
<p style="text-align: center;"><u>Session 1: Opportunities/challenges for Translational Regenerative Medicine for bone repair</u></p> <p style="text-align: center;">Chaired by Assoc Prof Tim Woodfield (University of Otago Christchurch), Prof Jillian Cornish (University of Auckland)</p>		
9.00am - 9.30am	<p>Prof Richard OREFFO (RM1) University of Southampton, UK <i>Translating skeletal stem cells and environmental niches for bone regeneration: from bench to clinic.</i></p>	Riwaka Room
9.30am -10.00am	<p>Prof Justin COOPER-WHITE (RM2) University of Queensland, AUS <i>Mimicking developmental drivers of osteogenic commitment in perivascular stem cells for bone regeneration</i></p>	Riwaka Room
10.00am-10.30am	Morning Tea	Maitai 1
<p style="text-align: center;"><u>Session 2: Opportunities/challenges for Translational Regenerative Medicine for cartilage and bone repair</u></p> <p style="text-align: center;">Chaired by Prof Justin Cooper-White (University of Queensland), Dr Jelena Rnjak-Kovacina (University of New South Wales)</p>		
10.30am - 11.00am	<p>Prof Wayne McILWRAITH (RM3) Colorado State University, USA <i>Translational regenerative medicine in articular cartilage repair</i></p>	Riwaka Room
11.00am - 11.30am	<p>Assoc Prof Tim WOODFIELD (RM4) Sponsored by Thermo Fisher Scientific University of Otago Christchurch, NZ <i>3D BioPrinting and BioAssembly of Tissue Organoids for Regeneration of Cartilage and Bone</i></p>	Riwaka Room
11.30am - 12.00am	<p>Prof Jillian CORNISH (RM5) University of Auckland, NZ <i>Biological Strategies for Promoting Bone Healing for Translational Regenerative Medicine</i></p>	Riwaka Room
12.00pm - 12.30pm	<p>Prof Xuebin YANG (RM6) University of Leeds, UK <i>The Effect of a Novel HDAC inhibitors on Osteogenic and Adipogenic Differentiation of Human Adipose Derived Stem Cells</i></p>	Riwaka Room

12.30pm-1.30pm	Lunch	Maitai 1
<u>Session 3: New Frontiers in Biomaterials and stem cell delivery for functional tissue engineering</u> Chaired by Prof Richard Oreffo (University of Southampton), Prof Wayne McIlwraith (Colorado State University)		
1.30pm – 2.00pm	Dr Jelena RNJAK-KOVACINA (RM7) University of New South Wales, AUS <i>Biomimetic approaches toward tissue vascularisation</i>	Riwaka Room
2.00pm - 2.30pm	Dr Nuno ALVES (RM8) Polytechnic Institute of Leiria, Portugal <i>Hybrid additive manufacturing systems for the production of 3D structures for osteochondral tissue regeneration</i>	Riwaka Room
2.30pm - 2.50pm	Dr Vitor CORRELO (RM9) University of Minho, Portugal <i>Engineering cell-adhesive hydrogels for Tissue Engineering purposes</i>	Riwaka Room
2.50pm-3.10pm	Dr Khoon LIM (RM 10) University of Otago Christchurch, NZ <i>Novel Visible Light Crosslinked Bioinks for 3D BioPrinting in Tissue Engineering and Regenerative Medicine.</i>	Riwaka Room
3.10pm-3.30pm	Dr Cameron BROWN (RM11) University of Oxford, UK <i>Understanding and exploiting structure-function relationships in naturally-derived materials</i>	Riwaka Room
3.30pm-4.00pm	Afternoon tea	Maitai 1
<u>Session 4: New Frontiers in Biomaterials and stem cell delivery for functional tissue engineering</u> Chaired by Prof Xuebin Yang (University of Leeds), Dr Vitor Corello (University of Minho)		
4.00pm - 4.30pm	Prof Yin XIAO (RM12) Queensland University of Technology, AUS <i>Osteoimmunology in the development of bone Biomaterials</i>	Riwaka Room
4.30pm - 4.50pm	Dr David MUSSON (RM13) University of Auckland, NZ <i>Evaluating biomaterial augments for improving tendon-bone healing</i>	Riwaka Room
4.50pm - 5.10pm	Dr Jaydee CABRAL (RM14) University of Otago, NZ <i>Development and characterization of chitosan/ dextran-based hydrogels for adult stem cell delivery</i>	Riwaka Room
5.10pm-5.30pm	Panel Discussion: <i>What are the global challenges in accelerating translational Regenerative Medicine? Should regulation be more rigorous or less rigorous?</i>	Riwaka Room
6.00pm-7.30pm	Poster Session/Mixer	Maitai 2

Monday 29 August		
Time	Details	Location
<u>Morning Session 1</u>		
Chaired by Alan Davidson (University of Auckland).		
9.00am - 9.25am	Billy Sheppard (S1) The University of Auckland, NZ <i>Seeking the stemmiest stem cell; how to get more from your fat</i>	Waimea Room
9.25am - 9.50am	Anna Brooks (S2) The University of Auckland, NZ <i>In search of the elusive tissue-resident stem cell: Using multicolour flow cytometry to enable characterisation of stromal cell populations in human dissociated tissue</i>	Waimea Room
9.50am - 10.15am	Rod Dunbar (S3) Sponsored by In Vitro Technologies The University of Auckland, NZ <i>Mesenchymal precursors in human tissues</i>	Waimea Room
10.15am-10.45am	Morning Tea	Maitai 1
<u>Morning Session 2</u>		
Chaired by Björn Oback (AgResearch).		
10.45am - 11.15am	Sir John Gurdon (S4) University of Cambridge, UK <i>The role of transcription factors in cell lineage determination</i>	Waimea Room
11.15am - 11.40am	Richard Naylor (S5) The University of Auckland <i>Transdifferentiation in the zebrafish kidney</i>	Waimea Room
11.40am - 12.05pm	Caroline Beck (S6) Otago University, NZ <i>Understanding how regeneration is regulated in Xenopus</i>	Waimea Room
12.05pm-12.35pm	Nadia Rosenthal (S7) The Jackson Laboratory, USA <i>Immune control of regeneration</i>	Waimea Room
12.35pm-1.30pm	Lunch	Maitai 1
<u>Afternoon Session 1</u>		
Chaired by Ernst Wolvetang		
1.30pm - 1.55pm	Björn Oback (S8) AgResearch Ltd, Hamilton, NZ <i>Trimethylation barriers to epigenetic reprogramming in mouse and cattle</i>	Waimea Room
1.55pm - 2.20pm	Tim Hore (S9) Otago University, NZ	Waimea Room

	<i>Retinol and ascorbate drive erasure of epigenetic memory and enhance reprogramming to naïve pluripotency by complementary mechanisms</i>	
2.20pm - 2.45pm	Sarah Appleby (S10) AgResearch Ltd, Hamilton, NZ <i>Double cytoplasm nuclear transfer improves in vitro embryo development from mitotic embryo-derived pluripotent stem cells in cattle</i>	Waimea Room
2.45pm-3.10pm	Jo James (S11) The University of Auckland, NZ <i>Using a novel candidate human trophoblast stem cell population to unlock the secrets of placental organogenesis</i>	Waimea Room
3.10pm-3.40pm	Afternoon tea	Maitai 1
<u>Afternoon Session 2</u>		
Chaired by Nadia Rosenthal		
3.40pm - 4.05pm	Teresa Holm (S12) The University of Auckland, NZ <i>Modelling kidney disease and injury with kidney organoids</i>	Waimea Room
4.05pm - 4.35pm	Ernst Wolvetang (S13) Sponsored by Bio-Rad Laboratories University of Queensland, Australia <i>Stem cell based functional genomics of human neurological diseases</i>	Waimea Room
4.35pm - 5.00pm	Stephen Robertson (S14) Otago University, NZ <i>Genetic studies on a disorder of neural stem cell dysfunction in humans</i>	Waimea Room
5.00pm-5.05pm	Concluding remarks	Waimea Room