

**WEDNESDAY 26<sup>TH</sup> NOVEMBER 2008**

<b>TIME</b>	<b>EVENT</b>	<b>VENUE</b>
8.00am-8.30am	<b>REGISTRATION</b>	Foyer, Queensland Conservatorium of Music Griffith University
8.30am-8.40am	<b>INTRODUCTION AND WELCOME</b>  <b>Alan Mackay-Sim</b> National Centre for Adult Stem Cell Research <i>Introduction and Welcome.</i>	Ian Hanger Recital Hall Queensland Conservatorium of Music Griffith University
8.40am-9.30am	<b>OPENING ADDRESS</b>  <b>Fiona Wood</b> Director, Western Australian Burns Unit <i>Scar free healing: A multidisciplinary scientific and clinical approach</i>	Ian Hanger Recital Hall
9.30am-10.00am	<b>SYMPOSIUM 1: MESENCHYMAL STEM CELLS</b>  <b>Mari Dezawa</b> Department of Histology, Tohoku University <i>A challenge to auto-transplantation in neuro- and muscle-degenerative diseases: the discovery of specific induction systems in bone marrow stromal cells</i>	Ian Hanger Recital Hall
10.00am-10.30am	<b>MORNING TEA</b>	Foyer
10.30am-11.30pm	<b>Eva Sykova</b> Institute of Experimental Medicine, Charles University <i>Use of stem cells and biomaterials for treatment of spinal cord injury</i>  <b>Gary Brooke</b> Mater Medical Research Institute <i>Therapeutic potential of mesenchymal stem cells</i>	Ian Hanger Recital Hall
11.30pm-1.00pm	<b>Lunch</b>	Foyer

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TIME	EVENT	VENUE
1.00pm- 2.30pm	<p><b>SYMPOSIUM 2: AUTOLOGOUS SOURCES FOR CELL THERAPY</b></p> <p><b>Kohji Nishida</b> Graduate School of Medicine, Tohoku University <i>Corneal Reconstruction with Tissue-Engineered Cells</i></p> <p><b>Sharon Oleskevitch</b> Neuroscience Research Program, Garvan Institute of Medical Research <i>Stem cell therapies in a rodent model of traumatic hearing loss</i></p> <p><b>James St John</b> National Centre for Adult Stem Cell Research, Griffith University <i>The olfactory ensheathing cell: origins of a heterogeneous population.</i></p>	Ian Hanger Recital Hall
2.30pm- 3.00pm	<b>AFTERNOON TEA</b>	Foyer
3.00pm- 5.00pm	<p><b>SYMPOSIUM 3: STEM CELL BIOINFORMATICS</b></p> <p><b>Winston Hide</b> Department of Biostatistics, School of Public Health, Harvard University <i>A platform approach to classification of pluripotency using high throughput comparison between stem cell types</i></p> <p><b>Alistair Forrest</b> National Centre for Adult Stem Cell Research <i>Systems biology - lessons learnt from FANTOM4</i></p> <p><b>Alistair Chalk</b> National Centre for Adult Stem Cell Research, Griffith University <i>An integrated transcriptome analysis approach to characterise adult neural stem cells and study complex disease</i></p> <p><b>Sean Grimmond</b> Institute of Molecular Bioscience, The University of Queensland <i>Redefining stem cell biology through whole transcriptome sequencing</i></p>	Ian Hanger Recital Hall
7.00pm- 12.00pm	<b>CONFERENCE DINNER</b>	Vino's Restaurant & Bar Upper Level, Eagle Street Pier 1 Eagle Street Brisbane

**THURSDAY 27<sup>TH</sup> NOVEMBER 2008**

<b>TIME</b>	<b>EVENT</b>	<b>VENUE</b>
8.00am- 8.30am	<b>PLENARY</b> <b>HIDEYUKI OKANO, DEPARTMENT OF PHYSIOLOGY, GRADUATE SCHOOL OF MEDICINE, KEIO UNIVERSITY</b> <i>Neural differentiation of pluripotent stem cells- based therapy for spinal cord injury</i>	Ian Hanger Recital Hall
8.30am- 9.30am	<b>SYMPOSIUM 4: NEURAL STEM CELLS</b> <b>Kirsty Spalding</b> Karolinska Institute <i>Analysis of Neuronal Turnover in the Adult Human Brain</i>  <b>Stefano Pluchino</b> San Raffaele Institute <i>The therapeutic plasticity of neural stem cells.</i>	Ian Hanger Recital Hall
9.30am- 10.30am	<b>MORNING TEA AND POSTERS</b>	Foyer
10.30am- 12.00pm	<b>David Adams</b> Queensland Brain Institute, The University of Queensland <i>Role of ion channels in adult neural precursor cell function</i>  <b>Stephen Wood</b> National Centre for Adult Stem Cell Research, Griffith University <i>Post-translational regulation of Neural Stem Cell function</i>  <b>Cate Browne</b> Institute of Molecular Bioscience, The University of Queensland <i>Multipotent neural stem cells from adult mouse nose</i>	Ian Hanger Recital Hall
12.00pm- 1.00pm	<b>LUNCH AND POSTERS</b>	Foyer, Queensland

**THURSDAY 27<sup>TH</sup> NOVEMBER 2008**

1.00pm-3.00pm	<b>FREE PRESENTATIONS</b> Presentations from those submitted	Ian Hanger Recital Hall
3.00pm-3.30pm	<b>AFTERNOON TEA AND POSTERS</b>	Foyer
3.30pm-5.30pm	<p><b>SYMPOSIUM 5: STEM CELLS AS DISEASE MODELS</b></p> <p><b>Christine Wells</b> National Centre for Adult Stem Cell Research, Griffith University <i>The transcriptional landscape of the human olfactory stem cell niche.</i></p> <p><b>George Mellick</b> National Centre for Adult Stem Cell Research, Griffith University <i>Using human olfactory-derived cell lines to study the aetiology of Parkinson's disease</i></p> <p><b>John McGrath</b> Queensland Brain Institute, University of Queensland and The National Centre for Adult Stem Cell Research, Griffith University. <i>What can stem cells tell us about schizophrenia?</i></p> <p><b>Carolyn Sue</b> National Centre for Adult Stem Cell Research &amp; Kolling Institute, The University of Sydney <i>Investigation of neurological disease using human olfactory stem cells</i></p>	Ian Hanger Recital Hall
5.30pm-6.30pm	<b>POSTERS</b>	Foyer,
7.30pm-11.00pm	<b>SPEAKERS DINNER</b>	Tukka Restaurant 145 Boundary Street West End Brisbane QLD 4101

**FRIDAY 28<sup>TH</sup> NOVEMBER 2008**

<b>TIME</b>	<b>EVENT</b>	<b>VENUE</b>
9.00am-9.30am	<p><b>PLENARY</b>  <b>NICK FISK, DIRECTOR CENTRE FOR CLINICAL RESEARCH, THE UNIVERSITY OF QUEENSLAND</b>  <i>Fetal stem cells – betwixt and between – and their role in endogenous and therapeutic tissue repair.</i></p>	Ian Hanger Recital Hall
9.30am-10.30am	<p><b>SYMPOSIUM 6: CANCER STEM CELLS</b>  <b>Iver Langmoen</b>            Department of Neurosurgery, University of Oslo  <i>Brain tumor stem cells - from the lab bench to the clinic</i></p> <p><b>Brent Reynolds</b>            Department of Neurosurgery, University of Florida  <i>Targeting Cancer Stem Cells.</i></p>	Ian Hanger Recital Hall
10.30am-11.00am	<b>MORNING TEA</b>	Foyer, Queensland
11:00am-1.00pm	<p><b>SYMPOSIUM 7: CELL THERAPY CLINICAL TRIALS IN AUSTRALIA</b>  <b>Peta O’Connell</b>            Office of Devices, Blood and Tissues, Australian Therapeutic Goods Administration  <i>Clinical trials – the regulatory journey to the clinic</i></p> <p><b>Zee Upton</b>            Tissue Repair and Regeneration Program            Queensland University of Technology  <i>Towards clinical application of stem cells: development of novel defined media formulations for maintain stem cells serum-free and feeder cell-free culture of human embryonic stem cells</i></p> <p><b>Silviu Itescu</b>            Mesoblast Limited</p> <p><b>Alan Mackay-Sim</b>            National Centre for Adult Stem Cell Research, Griffith University  <i>Olfactory ensheathing cells: A Phase I clinical trial in human spinal cord injury.</i></p>	Ian Hanger Recital Hall

1.00pm- 1.30pm	<b>ROUND TABLE DISCUSSION</b> <i>Where to from here: adult stem cells in the age of iPS cells?</i>	Ian Hanger Recital Hall
1.30pm- 1.45pm	<b>CLOSING REMARKS</b> <b>ALAN MACKAY-SIM, DIRECTOR, NATIONAL CENTRE FOR ADULT STEM CELL RESEARCH</b>	Ian Hanger Recital Hall
1.45pm- 2.15pm	<b>LUNCH</b>	Foyer