

# Centenary Colloquium V

## Opportunities in Stem Cell Biology

Wednesday, 4 June 2008 ● 8:30am – 5:00pm

Centenary Institute Lecture Theatre, Building 93, Missenden Road, Camperdown NSW 2050

Stem cells show a remarkable potential as therapeutics in a diverse array of tissues and organs. This colloquium will focus on the biology of stem cells and the challenges involved in maintaining stem cells in vitro and their potential for tissue and organ regeneration.

8.30-9:15am	<b>Breakfast</b> Naomi Morison Cell Culture Technical Sales Specialist, Invitrogen Oceania <i>"Invitrogen technologies – Advances in stem cell science"</i>
9:15-9:30am	<b>Welcome</b>
9.30-10.10am	<b>Professor Donald Metcalf</b> Cancer and Haematology Division, Walter and Eliza Hall Institute of Medical Research, Parkville, Vic <i>"Stem cells and haemopoietic stem cells"</i>
10.10-10.50am	<b>A/Professor Andrew Perkins</b> Group Leader, Blood Development, Institute for Molecular Biosciences, University of Queensland, Brisbane, Qld <i>"KLFs in stem cell renewal and differentiation"</i>
10.50-11.30am	<b>Morning Tea</b>
11.30-12.10pm	<b>A/Professor Susie Nilsson</b> Australian Stem Cell Centre, Monash University, Clayton, Vic <i>"The location and roles of the BM HSC niche; more than Schofield ever imagined"</i>
12.10-12.50pm	<b>Dr Nick Shackel</b> Senior Scientist, Liver Cell Biology, Centenary Institute, Camperdown, NSW <i>"Liver progenitor cells"</i>
12.50-1.30pm	<b>Professor Richard Harvey</b> Deputy Director, Head, Developmental Biology Division, The Victor Chang Cardiac Research Institute, Darlinghurst, NSW <i>"A hierarchy of clonogenic, self-renewing and multipotent stem cells in the adult murine heart"</i>
1.30-2.20pm	<b>Lunch</b>
2.20-3.00pm	<b>Professor Jenny Gamble</b> Head, Vascular Biology, Centenary Institute, Camperdown, NSW <i>"Regulation of endothelial progenitor cell differentiation by Sphingosine Kinase-1"</i>
3.00-3.40pm	<b>Dr Anne Voss</b> Division of Molecular Medicine, Walter and Eliza Hall Institute of Medical Research, Parkville, Vic <i>"MYST histone acetyltransferases in precursor cells and stem cells during development and in the adult"</i>
3.40-4.20pm	<b>Dr Rodney Rietze</b> Pfizer Senior Research Fellow, Neural Stem Cell and Aging Research Laboratory, Queensland Brain Institute, University of Queensland, Brisbane, Qld <i>"Activation of endogenous neural stem cells for the prevention of age-related neurodegeneration"</i>
4.20-5.00pm	<b>Professor John Rasko</b> Head, Gene and Stem Cell Therapy, Centenary Institute, and Director, Cell and Molecular Therapies, Royal Prince Alfred Hospital, Camperdown, NSW <i>"The outs and ins of therapeutic stem cells"</i>
5.00pm	<b>General discussion followed by refreshments</b>

Organising Committee – Dr Jeff Holst, Dr Fiona Warner, Dr Nick Shackel and Professor John Rasko.

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To register, please email [reception@centenary.org.au](mailto:reception@centenary.org.au) (include if you will attend the Breakfast session).  
Registration is essential and limited to first 100 respondents.