

International Society for Cellular Therapy
ISCT



October 17, 2009
Adelaide, South Australia



THE INAUGURAL AUSTRALASIAN REGIONAL
MEETING OF THE ISCT

**CELLULAR THERAPIES –
TRANSLATIONAL MEDICINE**

Bradley Forum, Hawke Building, University of South Australia West Campus,
North Tce, Adelaide

ISCT-Australasia Organising Committee

John Rasko
Rick Tocchetti
Pamela Dyson
Dominic Wall
Janet Macpherson
Ming Hao Zheng
Ian Lewis



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Bradley Forum, Hawke Building, University of South Australia, Adelaide, SA

Welcome to Adelaide for the inaugural Australasian regional meeting of the ISCT! Our full day of lectures and workshops is focussed on the clinical application of current and experimental cellular therapies designed to treat diverse diseases including those affecting the blood, nervous system, bone and skin. We are delighted to welcome the current ISCT President, Professor Mary Laughlin, together with many invited international and national speakers who are leaders in their respective fields. In highlighting our theme of 'translational medicine' lecture topics range from those therapies that are already saving lives and improving health outcomes, to those that are currently in, or nearing clinical development.

The ISCT has always been recognised as the cell therapy toolbox Society. In joining together for the inaugural ISCT-Australia meeting we build on the widely-celebrated success of the international meeting held in Sydney two years ago. ISCT-Australia aims to promote communication, education, ethics, funding and training in this burgeoning field. We hope that in establishing an ongoing regional presence, ISCT-Australia will strengthen clinical-based investigation and service delivery for the benefit of patients. We also seek to engage government regulatory bodies and represent the industry as we all work towards a safer, quality-driven sector. To that end, representatives of the key Australian regulatory bodies will contribute to sessions on the regulation of cellular therapies in Australia and a practical interactive workshop.

The Bradley Forum of the new Hawke Building is situated on the western campus of the University of SA on North Terrace in close proximity to the centre of Adelaide, and only a short distance from local wineries. We hope that you have allowed some time in you travel plans to discover the charms of Adelaide.

We look forward to discussing the exciting prospects and potential of cellular therapies throughout the day, during the sessions and at the catered breaks and reception. In seeking also to engage with industry and commercial partners we wish to recognise the essential support from our Sponsors and encourage all attendees to examine the educational and promotional material supplied. Based on early registrations, we have already exceeded our attendance expectations and hope to provide a solid foundation for future meetings for ISCT-Australia. It remains only for everyone to enjoy a stimulating day immersed in the best that our field has to offer.

Professor John Rasko, Regional Vice-President on behalf of the ISCT-Australia Organising Committee

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PROGRAM SUMMARY

07:30 – 08:30	Registration Tea/Coffee and Pastries	
Session 1 08:30-10:30	Opening and Keynote Session Chair: John Rasko	
08:30	John Rasko, Director, Cell and Molecular Therapies, RPA Hospital, NSW.	Opening Remarks
08:45	Mary Laughlin, Case Western Reserve University, USA.	Cellular and Molecular Mechanisms Underlying Umbilical Cord Blood Immune Tolerance
09:30	Leslie Wolfe – Genzyme, USA.	Commercial Manufacturing of Autologous Cell Therapies at Genzyme
10:00	David Connell, Royal National Orthopaedic Hospital, London UK	The Potential Role of Cell Therapy of the Treatment of Tendon Disorders
1030 – 1055	Tea Break	
Session 2 10:55 – 12:55	Therapeutic Updates - New Horizons in Cellular Therapy Chair: Minghao Zheng / Miles Prince	
10:55	Giles Plant, University of WA.	Adult Stem Cell Therapies to Treat Spinal Cord Injury
1125	John Greenwood RAH, SA.	Cultured Epithelial Autograft – role in major burns injury
1155	David Ritchie, Peter MacCallum Institute, Vic.	Immunomodulation and Translational Cellular Therapies in Haematological Malignancy
1225	Tomas Stojanov, Sydney IVF, NSW.	ESC, iPS, IVF, PGD
1255 – 1340	Lunch Break	
Session 3 13:40 – 15:30	Regulatory Requirements for Cellular Therapy Chair: Marian Sturm / Pam Dyson	
13:40	Peta O'Connell TGA, Blood and Tissues Unit.	Regulation of Cell Therapies; Current Status of the Draft Australian Regulatory Framework for Biologicals

14:00	Alyce Maksoud, TGA, Office of Manufacturing Quality.	Manufacturing Quality Program: Proposed cGMP Human Blood, Tissues and Cellular Therapies.
14:20	Robyn Cleland, OGTR.	Regulation of Gene Technology in Australia
14:40	Wendy Harris, NATA	Regulatory Issues NATA Perspective
15:00	Ineke Slaper-Cortenbach, University Medical Centre Utrecht, Netherlands	ISBT 128 Coding and Labelling of Cellular Therapy Products - Terminology and Implementation.
15:20	Stewart Hay, RISS, Vic.	National Development of cGMP Infrastructure: Access and Subsidies"
15:30 – 15:45	Tea Break	
Session 4 15:45 – 17:15	Therapeutic Updates - Mesenchymal Stromal Cell Therapy Chair: Ian Alexander / Andrew Zannettino	
15:45	Stan Gronthos, SA Pathology, SA	Mesenchymal Precursor Cells: Characterisation and Application in Skeletal Tissue Repair
16:15	Silviu Itescu, Mesoblast, Vic	Mesenchymal Precursor Cells
16:45	Kerry Atkinson, Mater, Qld	Preclinical and Clinical Aspects of Mesenchymal "Off-the-Shelf" Stem Cells
17:15 – 17:25	Break	
Session 5 17:25 – 18:25	Perspectives in Cellular Therapy and Manufacture: An interactive Workshop Chair: Dominic Wall	
17:25	<p>Panellists: Industry: Craig Wright, RPA, NSW Regulator: Jeanette Ripper, TGA.</p> <p>Industry: Paul Anderson, Orthocell, Regulator: Peta O'Connell, TGA.</p> <p>Industry: Ineke Slaper Cortenbach Netherlands. Regulator: Jeanette Ripper, TGA</p>	<p>More detail in abstracts</p> <p>Case Study 1 Facility Control</p> <p>Case Study 2 Cellular and Tissue Manufacturing</p> <p>Case Study 3 Materiel for Production</p>
18:25 – 19:00:	Closing Remarks - Where to the "ISCT - Australia" John Rasko / Mary Laughlin	
19:00 – 20:00	Reception	