

9th Stem Cell Workshop

The Science and Politics of Nuclear Reprogramming

Tuesday 19 September 2006
Prince of Wales Hospital

Welcome to this exciting and topical workshop on the Science and Politics of Nuclear Reprogramming.

Nuclear reprogramming is defined as the reversal of the differentiation state of a mature cell to one that is characteristic of the undifferentiated embryonic state.

The prospect of deriving patient-specific and disease-specific stem cell lines to study disease cause, progression, diagnoses and treatment underscores the potential use of this reprogramming technology in regenerative medicine.

Different strategies have been used to induce this pluripotent embryonic state including somatic cell nuclear transfer also referred to as therapeutic cloning, cellular fusion, the use of cell extracts and culture-induced reprogramming.

Therapeutic cloning or somatic cell nuclear transfer in humans is currently banned in Australia. Come and find out how Australian scientists are researching alternative strategies in the first session.

The second session promises to be lively with talks on the political debate surrounding current federal parliament review of legislation. There will be a presentation by committee member Prof Loane Skene on the Lockhard's committee recommendations, and findings from a recent Roy Morgan Poll on public perceptions of stem cells.

Look forward to seeing you there.

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9th Stem Cell Workshop

The Science and Politics of Nuclear Reprogramming

Tuesday 19 September 2006
 12:30pm to 5:30pm
 Lecture Theatre & Function Room
 Edmund Blacket Building
 Prince of Wales Hospital

12:30pm	Registration
1:00pm	Welcome TBA
Session 1: NUCLEAR REPROGRAMMING TECHNOLOGIES Chair: Dr Kuldip Sidhu, Prince of Wales Hospital	
1:10pm	Lessons learned from different species about somatic cell nuclear transfer – would it be possible in humans? Dr Teija Peura, Sydney IVF
1:35pm	Autologous embryonic stem cells without SCNT; potential and hurdles Dr Paul Verma, Monash Institute of Medical Research
2:00pm	Disease-specific embryonic stem cells and inter-species nuclear transfer Dr Tayfur Tecirlioglu, STRIP Monash University
2:25pm	Afternoon Tea
Session 2: LEGISLATION, POLITICS AND PUBLIC PERCEPTIONS OF CLONING AND STEM CELL RESEARCH Chair: TBA	
3:00pm	Findings and Recommendations of the Lockhart Committee on cloning and stem cell research Prof Loane Skene, University of Melbourne and Deputy Chair, Lockhart Committee
3:25pm	Political debate in support of therapeutic cloning Dr Mal Washer, Federal Member for Parliament
3:50pm	Why therapeutic cloning should not be allowed Dr Monique Baldwin, Research Scientist and Regulatory Affairs Associate
4:15pm	Recent findings on public perception of stem cell research Michele Levine, Chief Executive, Roy Morgan Research Pty
4:40pm	Refreshments

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Australian Stem Cell Centre

REGISTRATION FORM - 9th Stem Cell Workshop

Title Name

Organisation

Position

Primary area of research

Address

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Membership Details

Are you a member of the NSW Stem Cell Network? Yes / No

If No, would you like to be added to the NSW Stem Cell Network database and receive notification of upcoming events and news? Yes / No

Payment Details

\$60 general / \$25 student (GST incl) (please circle)

Please include payment with your registration.
A tax invoice will be processed for collection on the day of the workshop.

Cheque/Money order

Payable to: *NSW Stem Cell Network*
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