

StemCore iPS Cell Workshop

Australian Institute for Bioengineering and Nanotechnology
University of Queensland, St Lucia, QLD



Australian
Stem Cell
Centre

Organiser: A/Professor Ernst Wolvetang,
Leader Stem Cell Engineering Group, AIBN and
Leader of Australian Stem Cell Centre Reprogramming and Induction
of Pluripotency Program

PRACTICAL COMPONENTS FULLY SUBSCRIBED

LECTURE COMPONENT (NOT YET FULLY SUBSCRIBED)

\$110.00 per day including lunch

Lunch 12:45 for 1:00 PM

Lectures: 2PM – 5PM

AIBN Level 1

Seminar Training Room

- 06 May:** the use of iPS cells to understand complex diseases; how to recognise rogue iPS cells; and what strategies can be used to ensure the safety of iPS cells.
- 07 May:** who owns iPS cells; what is already patented; and what opportunities exist.
- 11 May:** US specialist speaker to be confirmed plus presentations from Sigma, Millipore and Invitrogen and trade displays
- 12 May:** what cell type is the best for generating iPS cells; how is DNA methylation and modification of DNA associated proteins involved in cell reprogramming; generation and characterisation of disease specific human iPS cell lines

Induced pluripotent stem cells (iPS cells)

- iPS cells are pluripotent stem cells that can generate every cell type of the body and are generated from cells directly acquired from patients or animals
- iPS cells have transformed stem cell biology in recent years and are projected to be the major growth area in regenerative medicine in the next decade
- iPS cells are a unique drug screening platform for the pharmaceutical industry
- iPS cells will allow patient specific therapies.

For UQ registration and payment details, please contact:

Diana Wilkinson (t) 07 3346 3198; (email) d.wilkinson1@uq.edu.au

Full details of iPS Workshop and on-line registration and payment <http://www.stemcellcentre.edu.au>