

Biomedical Research Council SYMPOSIUM



**Thursday
21st July, 2005**

**Biopolis Theaterette 3,
30 Biopolis Street, Level 4,
Matrix, Biopolis**

The **Biomedical Research Council (BMRC)** under the Agency for Science, Technology and Research (A*STAR) is pleased to invite you to a BMRC symposium on **“Stem Cells”** scientific meeting on Thursday, **21 July, 2005**. It will be held at the **Biopolis Theaterette 3**, 30 Biopolis Street Level 4, the Matrix Building at Biopolis, from **8:30 am – 5:00 pm** (including registration). The symposium will be chaired by Prof Lee Eng Hin (NUH).

This is the Eighth session of a series of symposia designed for researchers, doctors, graduate students, and interested individuals to hear scientists and clinicians from Hospitals, Research Institutes, local Universities, and others discuss their most recent work. The Translational-symposia provides a forum for researchers to share their findings in Biomedical research and facilitate interaction and collaborations among the local researchers.

The admission is Free but you will need to register via email to A-STAR_Symposium@a-star.edu.sg, stating **full name** (family name first), organisation and designation by **19th July 2005**.

Tea breaks and Lunch will be provided.

The programme for the symposium as well as information on how to get to Biopolis is shown below.

Thank you very much and we look forward to meeting you on the day.

Programme

8:30 – 9:00 **Registration**

Session One (9:00 - 12:40)

9:00 – 9:05 **Prof Lee Eng Hin's opening speech (NUS)**

9:05 – 9:50 **Plenary speaker: Roger Pederson (Cambridge University)**
"Mechanisms of pluripotency and epigenesis in human embryonic stem cells"

9:50 – 10:15 **Mark Richards (NUS)** "SAGE profiling of human embryonic stem cells and the identification of novel transcripts"

10:15 – 10:40 **Bing Lim (GIS)** "Probing the responsiveness of the embryonic stem cell genome"

10:40 – 11:00 **Tea-Break (20 min)**

11:00 – 11:25 **Alan Colman (CMM)** "The challenge of getting human embryonic stem cell-derived therapies to the clinic"

11:25 – 11:50 **Steve Oh (BTI)** "Expansion technologies for human ESC"

11:50 – 12:15 **Philippe Taupin (NNI)** "Adult neural stem cells: molecular, cellular, and physiological investigations"

12:15 – 12:40 **Gerald Udolph (CMM)** "Stem cells and Parkinson's disease"

12:40 – 13:20 **Lunch (40 min)**

Session Two (13:20 – 17:00)

13:20 – 13:45 **Sir George Radda (Oxford University)** "Tracking cells *in vivo* by molecular imaging"

- 13:45 – 14:10** **Ian McNiece (DJHS)** "Developing cellular therapies with hematopoietic and mesenchymal stem cells"
- 14:10 – 14:35** **Phan Toan-Thang (NUS)** "Isolation, cultivation, characterization and utilization of umbilical cord membrane-derived epithelial and mesenchymal stem/progenitor cells: A novel source of stem cells for regenerative medicine, cell-based therapy and tissue engineering"
- 14:35 – 15:00** **Simon Cool (IMCB)** "Heparan sulfate regulation of stem cell self renewal, lineage specific differentiation and orthopaedic wound healing"
- 15:00 – 15:20** **Tea break**
- 15:20 – 15:45** **Cao Tong (NUS)** "Making human embryonic stem cells into bone and cartilage cells"
- 15:45 – 16:10** **James Hui (NUS)** "Potential application of mesenchymal stem cells in cartilage research"
- 16:10 – 16:35** **James Goh (NUS)** "Ligament and tendon regeneration with adult stem cells"
- 16:35 – 17:00** **Philip Wong (NHC)** "Cellular therapeutics for rejuvenating the failing heart"
- 17:00** **Round-Up**

How to get there

By car

If you are going towards NUS from Buona Vista MRT, take the left turn JUST after you have passed the MOE building, follow the **blue** dotted line as shown in the map below to the **two** carpark entrances. You will need to park at **Basement 3 only** and will be charges at the rates below. Take a lift to ground level of the Matrix Building.

Parking

- Visitors' Parking at B3 only (cash card parking). **Any un-authorized parking in B2 will result in the vehicle being wheel-clamped.**
- Park in Yellow zone for Centros, **Orange zone for Matrix.**
- Take Lift D to Level 1 Lobby

Vehicle Type	Parking Charges (Per Vehicle type)	Parking Charges (Per Vehicle type)
	Daily from 0700 to 1900 hours except Saturday, Sundays and Public Holidays	At all other hours
Car and Goods vehicle not exceeding 1500 kg unladen weight	\$0.50 per 1st hour or part thereof and, \$1.01* per subsequent hour.	\$1.01* per entry
Motorcycle	Free entry	Free entry

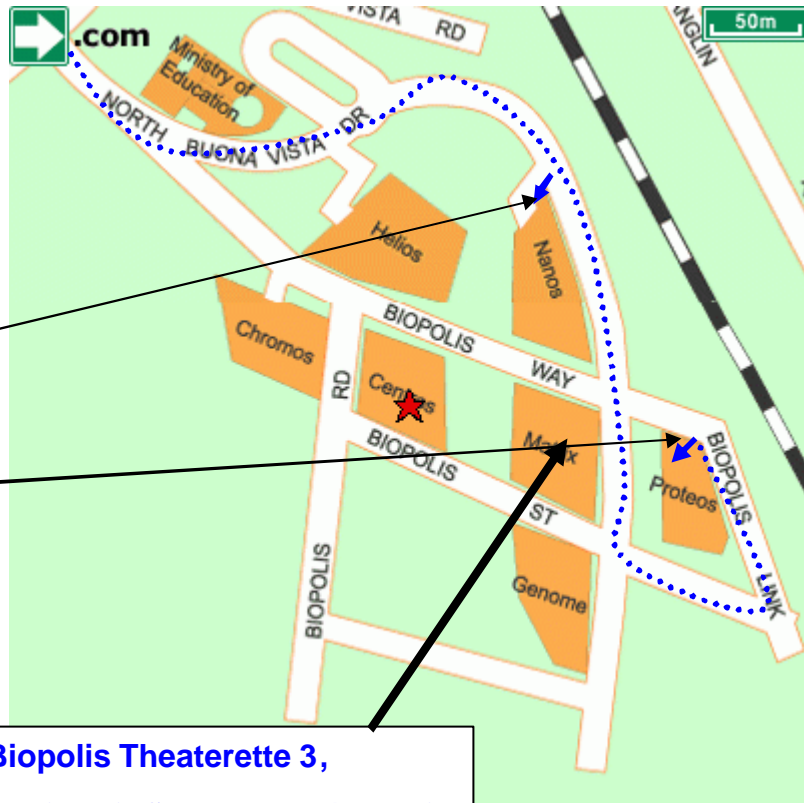
By Taxi

Take the road that goes to the MOE building off the Buona Vista Rd. There you will see a fork on the road, take the road on the right that goes up the hill towards the centre of Biopolis. Alight at the Matrix Building.

Buona Vista MRT

Car Park
Entrance A

Car Park
Entrance B



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