

"Stem Cell-derived Cardiomyocytes in Tissue Engineering & Regenerative Medicine"

BRITE Net Meeting

Paul Wood Lecture Theatre
National Heart and Lung Institute,
Imperial College, Guy Scadding Building
Dovehouse Street, London SW3 6LY

Wednesday 19th May 2004

A G E N D A

- 1.00 p.m. **Registration**
- 1.25 p.m. **Introduction & Welcome**
Professor Sian Harding, National Heart & Lung Institute, Imperial College
- 1.30 p.m. **"Methodology for production and characterization of embryonic stem cell-derived cardiomyocytes"**
Dr. Nadire N. Ali, NHLI, Imperial College
- 1.50 p.m. **"Comparison of β AR responses in adult and mouse embryonic stem cell-derived cardiomyocytes"**
Professor Sian Harding, NHLI, Imperial College
- 2.10 p.m. **"Triggering cardiac differentiation in the frog embryo"**
Dr. Tim Mohun, MRC, National Institute for Medical Research, Mill Hill
- 2.30 p.m. **"Mechanical cues for stem cell differentiation"**
Dr Paul Buxton, Tissue Engineering Centre, University of Westminster
- 2.50 p.m. **"Biology and therapeutic applications of human embryonic stem cells"**
Dr. Stephen Minger, Biomolecular Sciences, GKT, London
- 3.10 p.m. **"Media optimisation for stem cell applications"**
Dr Phil Price, R&D, Invitrogen
- 3.30 p.m. **T E A**
- 4.00 p.m. **"Heterogeneity of mesenchymal stem cells"**
Dr. Dominique A. Bonnet, Cancer Research UK, London
- 4.30 p.m. **"Surgical methods for gene and cell delivery to the myocardium"**
Dr. Stephen Fuller/ Dr. Motoki Sato, NHLI, Imperial College
- 4.50 p.m. **'Mechanical loading of 3-D muscle cultures and the differential regulation of IGF.1 Isoforms'**
Umber Cheema, Tissue Repair & Engineering Centre (TREC), UCL
- 5.10 pm Close & Wine Reception