

**Regenerative Medicine:
A New Frontier for
Therapeutic Intervention**

11th March 2010

Riverside, Granta Park, Great Abington, Cambridge

Programme:

Regenerative Medicine is one of science's new horizons, holding the promise of groundbreaking new therapies to repair, replace or regenerate disease damaged cells, tissues or organs. It is a multi-disciplinary field of research which is acquiring increasing importance in drug discovery and development portfolios but the realisation of this promise depends on overcoming a number of significant challenges.

This SMR symposium brings together a panel of international speakers across the breadth of research and development in the field of Regenerative Medicine to present and discuss the advances that are currently being made. Biomedical approaches to novel clinical therapies will be discussed including induction of regeneration by biologically active molecules, stem cell therapies, and tissue engineering. The basic features of embryonic stem cells and how they may lead to human therapies will be highlighted.

A number of case studies on important new approaches to Regenerative Medicine will be presented by both academic and industry leaders in the field, and the challenges of conducting clinical trials in this area will be discussed.

09.30 Registration and coffee

10.00 **Session 1 - Chair: Dr. Wendy Alderton**

Historical Perspective on Stem Cell Research

Dr Stephen Minger, *Global Director R&D Cell Technologies, GE Healthcare, UK*

10.45 Fundamental Biology of Stem Cells

Professor Austin Smith, *Wellcome Trust Centre for Stem Cell Research, Cambridge University, UK*

11.30 Retinal pigmented epithelial cell therapy for the treatment of age related macular degeneration

Professor Peter Coffey, *Institute of Ophthalmology, University College London, UK*

12.15 Lunch

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- 13.15 Session 2 - Chair: Dr Richard Davenport**
Small molecule approaches for modulation of stem cell activity
Dr Mark Bunnage, *Head of Chemistry, Pfizer Regenerative Medicine, UK*
- 14.30 Perspective on the challenges of conducting clinical trials in regenerative medicines
Dr. Paul Kemp, *CSO & Founder, Intercytex Ltd, UK*
- 15.15 Tea
- 15.45 **Session 3 - Chair: Dr Ruth McKernon**
Ontaril: an autologous adipose tissue treatment
Dr Eduardo Bravo, *CEO of Cellerix, Spain*
- 16.30 The making of ChondroCelect: clinical and regulatory successes and challenges
Dr Koenraad Blot, *CMO of TiGenix, Belgium*
- 17.15 Close**

Future SMR Meetings:

Kinases

(24th June, AZ, Alderley Park)

Epigenetics

(Sept, NHLI)

Trends in Medicinal Chemistry

(December, NHLI)



Regenerative Medicine

Name:

Address:

Tel: Fax:

Email:

Dietary Requirements: Vegetarian: Other:

Registration Fees:

SMR members: £80 Non-Members: £120 Honorary Life Member
Students:* £35 Retired members: £35 (FREE)

Cheque:

If you wish to pay by cheque, then please send your cheque made payable to **Society for Medicines Research**, together with this form to the address given below.

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Names and addresses of delegates will be included in a list given to all attendees. If you do **NOT** want your name to appear please tick this box.

Fees once paid are not refundable unless a cancellation is received at least 5 working days prior to the event. Delegate substitutes are permitted at any time. Join on-line at www.smr.org.uk or through our secretariat at the address given below.

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Society for Medicines Research
840 Melton Road, Thurmaston, Leicester, LE4 8BN, UK
Tel: 0116 2691048, Fax: 0116 264 0141, e-mail: secretariat@smr.org.uk

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