

'The Biology and Therapeutic Application of Stem Cells'

BriteNet Meeting
Institute of Ophthalmology
11-43 Bath Street
London EC1V 9EL

Friday 25th April 2003

A G E N D A

- 10.50. am **Welcome**
Dr Julie Daniels, Eranda Lecturer, Wound Healing Research Unit, Institute of Ophthalmology, UCL
- 11.00 am **Overview**
Professor Julia Polak, Tissue Engineering Centre, Imperial College, London
- 11.20 am **'Mechanisms of stem cell lineage transformation'**
Professor Malcolm Allison, Histopathology Unit, Cancer Research UK, London
- 11.40 am **'Identifying bone marrow stem cells with osteoblastic potential'**
Professor Tim Skerry, Royal Veterinary College, London NW1
- 12.00 am **'Human neural stem cells: Implications for the treatment of neurogenerative disease'**
Dr Maeve Caldwell, Cambridge Brain Repair Centre, University of Cambridge
- 12.20 am **'Mesenchymal stem cells for peripheral nerve regeneration'**
Professor Giorgio Terenghi, Dept of Tissue Engineering, Manchester University
- 12.40. am **'Stem Cell Research: The role of the UK Stem Cell Bank'**
Dr Glyn Stacey, Head of Cell Biology, National Institute of Biological Standards & Control, South Mimms, Hertfordshire
- 1.00 pm **L u n c h**
- 2.00 pm **BRITE Net Information**
Sally Brown, BRITE Net Administrator, Tissue Repair & Engineering Centre, RNOH
- 2.20 pm **'In search of the neural retinal stem cells'**
Dr Astrid Limb, Institute of Ophthalmology, London
- 2.40 pm **'Autologous implantation of in vitro cultured mesenchymal stem cells for the treatment of equine superficial digital flexor tendinopathy?'**
Dr Roger Smith, Senior Lecturer in Equine Surgery, The Royal Veterinary College, Hawkshead
- 3.00 pm **'Safety and Efficacy of Transplantation of Autologous Bone Marrow Into Scarred Myocardium for the Enhancement of Cardiac Function in Man'**
Professor Manuel Galinanes, Head of Cardiac Surgery, Glenfield Hospital, Leicester

Continued Over.../

- 3.20 pm ***'Bone marrow stem cell contributions to epidermis and the bulge area of pilosebaceous follicles'***
Dr Mairi Brittan Cancer Research UK
- 3.40 pm **T e a**
- 4.00 pm ***'The addition of human mesenchymal stem cells & osteogenic protein-1 to demineralised bonematrix and insoluble collagenous matrix results in de novo bone formation'***
Mr L Tsiridis, Orthopaedic Surgeon, UCL
- 4.20 pm ***'A novel approach to the generation of antibodies against adult human mesenchymal stem cells'***
Julie Letchford, Bone Research Group, University of Bath
- 4.40 pm ***'CD56/NCAM-Expressing Cells in Human Adult Craniofacial Muscle: A Heterogeneous Population with Multiple Lineage Potential'***
Dr Mark Lewis, Eastman Dental Institute, London
- 5.00 pm Discussion & Close