

Adult Stem Cells in Regenerative Medicine and Disease

Wednesday 26th August 2009

12.00 - 1.00 Registration and Lunch

1.00 - 1.10 Opening remarks – Annette Meeson

1.10 - 1.15 Introduction to NESCI - Michael Whitaker

1.15 - 1.20 Introduction to ICM – Dave Jones

Chair: Annette Meeson

1.20 - 2.10 **Muscle satellite cells and their regulation by Xin, an actin-binding protein**

Keynote speaker: Thomas Hawke, McMaster University

2.10 - 2.45 **REGENERATE: Clinical Trials of Progenitor Cell Therapy for Cardiac Disease**

Anthony Mathur, Barts & the London

2.45 - 3.20 **Cell-based Approaches for Cardiovascular Regenerative Medicine**

Alexandra Aicher, Nottingham Trent University

3.20 - 3.40 Tea and coffee

Chair: Thomas Hawke

3.40 - 4.15 **Cartilage Tissue Engineering using Stem Cells**

Wael Kafienah, University of Bristol

4.15 - 4.50 **Liver Stem Cells: from Biology to Regeneration**

Stuart Forbes, University of Edinburgh

4.50 - 5.00 **Isolation and characterisation of canine adult cardiac stem cells**

Hannah Geere, University of Edinburgh

5.00 - 7.00 Posters and Vendor session (light refreshments)

7.00 Conference Dinner

Thursday 27th August 2009

Chair: Brian Shenton

- 9.00 – 9.10 **Side populations in ovarian cancer, normal ovarian surface and oviduct epithelium cell lines exhibit markers characteristic of adult stem cells.**
Dr Chris Harlow, University of Edinburgh
- 9.10 – 9.45 **From lab to limbus: the translation of corneal epithelial stem cell biology**
Sajjad Ahmad, Newcastle University
- 9.45 – 10.20 **Mammary tumours with basal features develop from luminal progenitors in a Brca1 loss of function mouse model**
Matthew Smalley, Breakthrough Breast Cancer Research Centre, London
- 10.20 – 10.50 Tea and Coffee

Chair: Alison Tyson-Capper

- 10.50 – 11.10 **Characterisation of side population cells in human breast cancer**
Kelly Britton, Newcastle University
- 11.10 – 11.30 **Side population human urothelial cells show enrichment for cancer stem cells**
Anastasia Rigas, Newcastle University
- 11.20 -11.55 **Targeting Breast Cancer Stem Cells for Improved Therapy**
Gillian Farnie, Manchester University
- 12.00 – 1.00 Lunch

Chair: Ian Harvey

- 1.00 – 2.00 **Microenvironmental Regulation of Cancer and Embryonic Stem Cell Phenotypes**
Keynote Speaker: Lynne Postovit, University of Western Ontario
- 2.00 – 2.35 **Comparative behavior of stem cell populations in head and neck cancers**
Ian MacKenzie, Barts and the London
- 2.35 – 3.10 **Mammary stem and progenitor cells: Understanding the cellular context of breast tumours**
John Stingl, Cambridge Research Institute
- 3.10 Closing remarks: TWJ Lennard, Newcastle University

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