



Summer School: Stem Cells & Regenerative Medicine **PRELIMINARY PROGRAMME**

Friday 15th September

- 4.00 pm Registration, welcome and refreshments
- 5.00 pm **Plenary lecture – “Stem Cell Biology”**
Dr. Connie Eaves, Terry Fox Laboratory, British Columbia Cancer Research Centre
- Additional
6.30 pm **Workshop 1: Stem cell concepts and definitions**
- 8.00 pm OPENING DINNER

Saturday 16th September

- 9.00 am **Controlling ES cell potency**
Professor Austin Smith
Director, MRC Centre Development in Stem Cell Biology (University of Edinburgh); Scientific Co-ordinator, EuroStemcell
- 10.30 am COFFEE
- 11.00 am **Workshop 2: Culture and engineering of embryonic stem cells**
ES cell culture
Dr Jenny Nichols, Institute for Stem Cell Research, University of Edinburgh
Stem cell engineering
Dr Frank Edenhofer, University of Bonn Medical Centre
- 1.00 – 4.00 pm BREAK
- 4.00 pm **Lineage and potency**
Dr Val Wilson, Institute for Stem Cell Research, University of Edinburgh
- 5.30 pm COFFEE

6.00 pm

Specification of positional identity in the endoderm

Professor Anne Grapin-Botton, Swiss Institute for Experimental Cancer Research, Lausanne

10/15mns break

7.30 pm

Plasticity of adult stem cells

Professor Yann Barrandon, Swiss Federal Institute of Technology, Lausanne

8.30 pm

REFRESHMENTS AND POSTERS

Sunday 17th September

- 9.00 am Dr. Connie Eaves, Terry Fox Laboratory, British Columbia Cancer Research Centre
- 10.30 am COFFEE
- 11.00 am **Workshop 3: Bioinformatics Analysis – Transcription profiling**
Dr Simon Tomlinson, Institute for Stem Cell Research, University of Edinburgh
- 1.00 - 5.00 pm BREAK
- 5.00 pm **Muscle Stem Cells**
Dr Shahragim Tajbakhsh, Institut Pasteur, Paris
- 6.00 pm COFFEE
- 6.30 pm **Mesenchymal stem cells, mesangioblasts and muscle repairs**
Professor Giulio Cossu, Milano Hospital SCRI
- 8.00 pm **Asymmetric division and the immortal strand**
Dr Shahragim Tajbakhsh, Institut Pasteur, Paris
- 8.30 pm REFRESHMENTS AND POSTERS

Monday 18th September

- 9.00 am **Neural stem cells**
Professor Austin Smith, Institute for Stem Cell
Research, University of Edinburgh
Neural stem cells and midbrain dopaminergic
progenitors.
Professor Ernest Arenas, Karolinska Institute,
Stockholm
- 10.30 am COFFEE
- 11.00 am **Workshop 4: Ethics Issues in stem cell research**
Professor Göran Hermerén, Faculty of Medicine, Lund
University
Ethical Challenges and Legal Basis for Patenting
StemCells
Dr Reinhard Herman, European Patent Office
Ethics and society
Kristina Hug, Lund University
Indian perspective
Dr Geeta Vemuganti, LV Prasad Eye Institute, India
Dr Val Wilson, Institute for Stem Cell Research,
University of Edinburgh
- 1.00 – 4.00 pm BREAK
- 4.00 pm **Epigenetic regulation of stem cell fate**
Dr Brian Hendrich, Institute for Stem Cell Research,
University of Edinburgh
- 5.30 pm COFFEE
- 6.00 pm **Provision of dopaminergic neurons for
Parkinsons Disease**
Dr. Meng Li, Institute for Stem Cell Research,
University of Edinburgh

10/15mns break
- 7.30 pm **Stem cells as tools for cell transplantation,
regeneration and drug development in
Parkinson's disease.**
Professor Ernest Arenas, Karolinska Institute,
Stockholm
- 8.30 pm REFRESHMENTS AND POSTERS

Tuesday 19th September

- 9.00 am **Haematopoietic stem cells: what they are and how they develop**
Dr Alexander Medvinsky, Institute for Stem Cell Research, University of Edinburgh
- 10.30 am COFFEE
- 11.00 am **Workshop 5: Communicating stem cell research**
Dr Clare Blackburn, Institute for Stem Cell Research, University of Edinburgh
Kate Doherty, EuroStemCell
- 1.00 - 4.00 pm BREAK
- 4.00 pm **Thymic epithelial progenitor cells & immune reconstitution**
Dr Clare Blackburn, Institute for Stem Cell Research, University of Edinburgh
- 5.30 pm COFFEE
- 6.00 pm **Transcriptional programming in stem cells**
Professor Tariq Enver, Weatherall Institute of Molecular Medicine, Oxford
- 7.30 pm REFRESHMENTS AND POSTERS
- 8.30 pm PUBLIC SCREENING "A Stem Cell Story"

Wednesday 20th September

- 9.00 am **Transplantation Tolerance for Cell Therapy**
Dr Andrew Bushell, Nuffield department of surgery
John Radcliffe Hospital, University of Oxford
- 10.30 am COFFEE
- 11.00 am **Somatic cell nuclear transfer**
Professor Ian Wilmut, Centre for Regenerative
Medicine, University of Edinburgh
- 12.30 – 4.30 pm BREAK
- 4.30 pm **Cell therapy for Ocular Surface Diseases: Bench
to Bedside Story**
Dr Geeta Vemuganti, LV Prasad Eye Institute, India
- 10/15mns break
- 5.30 pm **Epithelial repair**
Professor Yann Barrandon, Swiss Federal Institute of
Technology, Lausanne
- 6.30 pm COFFEE
- 7.00 pm **Final roundtable**
Led by Austin Smith
- 8.00 – 8.30 pm BREAK
- 8.30 pm SUMMER SCHOOL DINNER

Thursday 21st September

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