

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

Friday 14th September

- 4.30 pm Registration, welcome and refreshments
- 6.00 pm **Workshop 1: Stem cell concepts and definitions**
Austin Smith
Wellcome Trust Centre for Stem Cell Research,
University of Cambridge; Co-ordinator, EuroStemcell
Clare Blackburn
Institute for Stem Cell Research, University of
Edinburgh; Training and Mobility Director,
EuroStemCell
- 7.00 pm **Plenary lecture – “Haematopoietic Stem Cells
and Leukaemia Stem Cells”**
Tariq Enver, Weatherall Institute of Molecular
Medicine, Oxford
- 8.30 pm BREAK
- 9.00 pm OPENING DINNER, Douskos Taverna Xeri Elia

Saturday 15th September

- 9.00 am **Embryonic Stem Cells and Pluripotency**
Austin Smith
- 10.30 am COFFEE
- 11.00 am **How to derive and grow ES cells**
Jenny Nichols, University of Cambridge
- 12.00 – 4.30 pm Boat trip and BBQ
- 4.30 pm **ES cell self-renewal**
Austin Smith
- 6.00 pm COFFEE
- 6.30 pm **Lineage and Potency**
Val Wilson, University of Edinburgh
- 7.30 pm REFRESHMENTS AND POSTERS
Tutorial Group 1

Sunday 16th September

- 9.00 am **Haematopoietic stem cells - emergence in embryogenesis and in vitro expansion**
Alexander Medvinsky, University of Edinburgh
- 10.00 am **Workshop 2: Ethics**
Göran Herméren, Lund University

(coffee/refreshments served in workshop groups)
- 12.00 am **Thymic epithelial progenitor cells**
Clare Blackburn
- 1.00 - 4.30 pm BREAK
- 4.30 pm **Pancreatic Progenitor cells**
Harry Heimberg
- 5.30 pm COFFEE
- 6.00 pm **Neural Crest**
Vassilis Pachnis, National Institute of Medical Research, United Kingdom
- 7.00 Discussion
- 7.30 pm REFRESHMENTS AND POSTERS
Tutorial group 2

Monday 17th September

- 9.00 am **Dormant and activated stem cells during homeostasis and cancer**
Andreas Trumpp, ISREC (Swiss Institute for Experimental Cancer Research)
- 10.15 am **Bioinformatics in Stem Cell Research**
Simon Tomlinson, University of Edinburgh
- Isolation of cells and dissection of cell interaction**
John McCafferty, Wellcome Trust Sanger Institute, Cambridge
- (coffee/refreshments served in workshop groups)
- 11.45 BREAK
- 12.00 noon **Epigenetic regulation of stem cell fate**
Brian Hendrich, University of Edinburgh
- 1.00 – 4.30 pm BREAK
- 4.30 pm **Notch and niches**
Freddy Radtke, ISREC (Swiss Institute for Experimental Cancer Research)
- 5.30 pm COFFEE
- 6.00 pm **Modelling lineage commitment mechanisms**
Tariq Enver
- 7.00 pm Discussion
- 7.30 pm REFRESHMENTS AND POSTERS
Tutorial group 3

Tuesday 18th September

- 9.00 am **Exploiting the biology of neural stem cells ex vivo**
Elena Cattaneo, University of Milan
- 10.15 am **Bioinformatics in Stem Cell Research**
Simon Tomlinson
- Isolation of cells and dissection of cell interaction**
John McCafferty

(coffee/refreshments served in workshop groups)
- 11.45 - 4.30 pm BREAK
- 4.30 pm **Asymmetric Division**
Shahragim Tajbakhsh, Institut Pasteur, Paris
- 5.30 pm COFFEE
- 6.00 pm **Neurological Repair**
Anders Björklund, Lund University
- 7.00 pm Discussion
- 7.30 pm REFRESHMENTS AND POSTERS
Tutorial group 4

Wednesday 19th September

- 9.00 am **Muscle Stem Cells**
Margaret Buckingham, Institut Pasteur, Paris
- 10.15 am BREAK
- 10.30 am **Workshop 3: Patents/Clinical Trials**
Aliko Nichogiannopoulou, European Patent Office
Christof Friedrich, European Patent Office
Göran Herméren

(coffee/refreshments available during workshop)
- 12.30 – 4.30 pm BREAK
- 4.30 pm **Stem cells in the hair follicle and epidermis**
Yann Barrandon, Swiss Federal Institute of
Technology, Lausanne
- 5.30 pm COFFEE
- 6.00 pm **Plasticity of adult stem cells**
Yann Barrandon

Followed by an open discussion
- 7.30 pm REFRESHMENTS AND POSTERS
Tutorial Group 5
- 8.30 pm Public meeting

Thursday 20st September

- 9.00 am **Mesoangioblast in Muscle Repair**
Giulio Cossu, Stem Cell Research Institute, Milan
- 10.00 am Open discussion on muscle therapies
- 10.30 am COFFEE
- 11.00 am **Transplantation Tolerance for Cell Therapy**
Andrew Bushell, Nuffield department of surgery John
Radcliffe Hospital, Oxford University
- 12.30 BREAK
- 4.00 pm **Corneal Repair**
Michele de Luca
- 5.30 pm COFFEE
- 6.00 pm **Final roundtable**
"Stem Cell Research, state of the art and future
expectations"
Including summary of student group work
Led by Austin Smith
- 8.30 pm CLOSING DINNER

Friday 21st September

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