



Summer School: Stem Cells & Regenerative Medicine PROGRAMME

Friday 16th September

- 5 pm Registration, welcome and refreshments
- 7 pm **Plenary lecture: Steering germ layer formation
ES cells in vitro**
Dr Shin-Ichi Nishikawa
RIKEN Center for Developmental Biology, Japan
- 8.30pm OPENING DINNER

Saturday 17th September

- 9.00 am **Embryonic stem cells**
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 1 – Embryonic stem cell culture**
Dr Jenny Nichols, Institute for Stem Cell Research,
University of Edinburgh
- 12.30-3.30 pm BREAK
- 3.30 pm **Neural stem cells**
Dr Meng Li, Institute for Stem Cell Research,
University of Edinburgh
- 5.00 pm COFFEE
- 5.30 pm **Niche**
Professor Yann Barrandon, Swiss Federal Institute for
Technology, Lausanne
Dr Shin-Ichi Nishikawa
“The role of niche for melanocyte stem cell”
- 7.30-8.30pm REFRESHMENTS AND POSTERS

Sunday 18th September

- 9.00 am **Transcriptional control of stem cell fate**
Dr Claus Nerlov, EMBL Monterotondo
- 10.30 am COFFEE
- 11.00 am **WORKSHOP 2 - Communicating stem cell
research**
Dr Clare Blackburn, Institute for Stem Cell Research,
University of Edinburgh
Kate Doherty, EuroStemCell
- 12.30 -6.00 pm BREAK
- 6.00pm **Muscle Stem Cells**
Dr Shahragim Tajbakhsh, Institut Pasteur, Paris
- 7.30-8.30pm REFRESHMENTS AND POSTERS

Monday 19th September

- 9.00 am **WORKSHOP 3A – Microarray expression profiling**
Dr Simon Tomlinson, Institute for Stem Cell Research,
University of Edinburgh
- WORKSHOP 4A – Imaging – applications, pitfalls,
resources**
Dr Shahragim Tajbakhsh, Institut Pasteur;
- “Fluorescence Microscopy: Tools for the job”
Dr David Kelly, Institute for Stem Cell Research,
University of Edinburgh
- 10.30 am COFFEE
- 11.00 am **WORKSHOP 3B – Microarray expression profiling**
Dr Simon Tomlinson, Institute for Stem Cell Research,
University of Edinburgh
- WORKSHOP 4B – Imaging – applications, pitfalls,
resources**
Dr Shahragim Tajbakhsh, Institut Pasteur;
- “Fluorescence Microscopy Methods”
Dr David Kelly, Institute for Stem Cell Research,
University of Edinburgh
- 12.30 noon LUNCH
- 2.00 pm **Ethics, regulation and commercialisation**
“Ethical aspects of stem cell research”
Professor Göran Hermerén, Faculty of Medicine, Lund
University
- “Embryonic stem cell research – the perspectives of
different religions”
Kristina Lukauskaite, Lund University
- “Commercialisation of stem cell research”
Dr Tim Allsopp, Stem Cell Sciences UK
- 4.30 pm COFFEE
- 5.00 pm **Extrinsic control of stem cell fate**
Professor Ernest Arenas, Karolinska Institute,
Stockholm
Professor Urban Lendahl, Karolinska Institute,
Stockholm
- 7.00-8.00pm REFRESHMENTS AND POSTERS

Tuesday 20th September

- 9.00 am **Lineage and potency**
Dr Valerie Wilson, Institute for Stem Cell Research,
University of Edinburgh
- 10.30 am COFFEE
- 11 am **WORKSHOP 5 – Stem cell engineering**
Professor Urban Lendahl, Karolinska Institute,
Stockholm

“Stem cell engineering: Conditional mutagenesis by
site specific recombination”
Dr Frank Edenhofer, University of Bonn Medical Centre
- 12.30-5.00 pm BREAK
- 5.00 pm **Haematopoietic stem cells**
Dr Alexander Medvinsky, Institute for Stem Cell
Research, University of Edinburgh
- 6.30-7.30pm **Roundtable discussion**
Stem cell research – the story so far...

Poster prize awarded
- 8.00-9.30 pm PUBLIC MEETING
Making sense of stem cells

*EMBRYONIC STEM CELLS - WHAT'S ALL THE FUSS
ABOUT?*
Professor Austin Smith

STEM CELLS FOR TREATMENT OF DIABETES
Professor Danny Pipeleers

STEM CELLS AND NEURODEGENERATIVE DISEASES
Professor Anders Björklund

Wednesday 21st September

- 9.00 am **Application in neurological disease**
"Stem cell therapy for Parkinson's disease"
Professor Anders Björklund, Wallenberg Neuroscience
Center, Lund University
- Professor Ernest Arenas, Karolinska Institute,
Stockholm
- 10.30 am COFFEE
- 11.00 am **Epithelial repair**
Professor Yann Barrandon
- 12.30 noon LUNCH
- 2.00 pm **Application in Diabetes**
Professor Daniel Pipeleers, Center Director, JDRF
Center for Beta Cell Therapy in Diabetes
- 3.30 pm **Application in muscle repair**
Professor Giulio Cossu, Milano Hospital SCRI
- 5.00 pm COFFEE
- 5.30 pm **Translation – how to bring stem cell technology
to the clinic**
A round-table discussion, chaired by Professor Anders
Bjorklund and featuring Professor Daniel Pipeleers,
Professor Yann Barrandon, Professor Giulio Cossu,
Professor Göran Hermerén
- 8.00 pm SUMMER SCHOOL DINNER

Thursday 22nd September

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