



Summer School Stem Cells & Regenerative Medicine

PROGRAMME

Friday 5th September

- 4.30 pm Registration, welcome and refreshments
- 6.00 pm **Workshop 1: Stem Cell Concepts and Definitions**
Austin Smith
Clare Blackburn
- 7.00 pm **Plenary lecture – The transcriptional network of pluripotency**
Hitoshi Niwa
- 8.30 pm BREAK
9.00 pm OPENING DINNER

Saturday 6th September

- 9.00 am **Haematopoietic Stem Cells**
Tariq Enver
- 10.30 am COFFEE
- 11.00 am **Stem Cells and fate decisions in early development in vivo**
Val Wilson
- 12.00 – 5.00 pm BREAK
- 5.00 pm **Skin and Hair Follicle Stem Cells**
Yann Barrandon
- 6.00 pm COFFEE
- 6.30 pm **Development and attributes of Muscle stem cells**
Margaret Buckingham
- 7.30 pm REFRESHMENTS AND POSTERS

- Small Discussion groups (7 30 – 8 15) -

This summer school is supported by



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Biologists

Sunday 7th September

- 9.00 am **Intestinal Stem Cells**
 Freddy Radtke
- 10.00 am COFFEE
- 10.30 am **Technology forum 1 - expression profiling and
aCGH**
 Simon Tomlinson
- 11.30 am **Screening for stem cells regulators**
 Juergen Knoblich
- 1.00 - 4.30 pm BREAK
- 4.30 pm **Natural and induced pluripotency**
 Austin Smith
- 6.00 pm COFFEE
- 6.30 pm **Technology forum 2 - Deriving and growing ES
cells**
 Jenny Nichols
- 7.30 pm REFRESHMENTS AND POSTERS

- Small Discussion groups (7 30 – 8 15) -

Monday 8th September

- 9.00 am **Fluctuating gene expression & competence to change**
Ian Chambers
- 10 am COFFEE
- 10.30 **Epithelial lineage progression in the thymus**
Clare Blackburn
- 11.15 COFFEE
- 11.30 noon **Regulation of cell fate by Polycomb group proteins**
Maarten van Lohuizen
- 12.30 – 5.00 pm BREAK
- 5.00 pm **Reprogramming in the germ line and EG cells**
Azim Surani
- 6.00 pm COFFEE
- 6.30 pm **Skeletal muscle stem cells and asymmetric cell division**
Shahragim Tajbakhsh
- 7.30 pm REFRESHMENTS AND POSTERS

- Small Discussion groups (7 30 – 8 15) -

Tuesday 9th September

- 9.00 am **Notch, Niches and cell fate decisions**
Freddy Radtke
- 10 am COFFEE
- 10.15 am **Fetal & adult HSC – properties and regulation of transition**
Connie Eaves
- 11.30 COFFEE
- 12.00 **Technology forum 3 – advanced imaging technologies**
Timm Schroeder
- 1.00 – 5.00 pm BREAK
- 5.00 pm **Dormant and activated HSC/HSC niche**
Andreas Trumpp
- 6.00 pm COFFEE
- 6.30 pm **Modeling cell fate decisions**
Ingo Roeder
- 7.30 pm REFRESHMENTS AND POSTERS

- Small Discussion groups (7 30 – 8 15) -

Wednesday 10th September

- 9.00 am **Mammary Stem Cells**
Connie Eaves
- 10 am COFFEE
- 10 15 am **Plasticity**
Yann Barrandon
- 11.00 am COFFEE
- 11.30 am **Cardiac Progenitor Cells**
Karl Laugwitz
- 12.30 – 4.30 pm BREAK
- 4.30 pm **Ethical issues post iPS**
Göran Hermerén (with Allen Eaves)
- 6.00 pm COFFEE
- 6.30 pm **Cancer initiating cells**
Maarten van Lohuizen
- 8.00 pm REFRESHMENTS AND POSTERS

- Small Discussion groups (8 00 – 8 15) -

Thursday 11th September

9.00 am	Neural stem cells Elena Cattaneo
10.00 am	COFFEE
11.00 am	Prospects for beta cell therapy Harry Heimberg
12.00 noon	BREAK
4.00 pm	Prospects for muscle therapy Giulio Cossu
5.30 pm	COFFEE
6.00 pm	Final roundtable "Stem Cell Research, state of play and future expectations" Led by Austin Smith
7.30 pm	BREAK
8.00 pm	CLOSING DINNER

Friday 12th September

DEPART