

Hydra VIII 2012: European Summer School on Stem Cells & Regenerative Medicine

DRAFT PROGRAMME dated 29-May 2012

Saturday 15th September

16:30	Registration, welcome and refreshments	
18:00	Workshop 1: Stem cell concepts and definitions	Austin Smith, Clare Blackburn and students
19:00	Plenary Lecture: Development of haematopoietic stem cells	Shin-Ichi Nishikawa
20:30	SHORT BREAK	
21:00	WELCOME DINNER	

Sunday 16th September

Paradigm stem cell systems

09:00	Epidermal stem cells	Cédric Blanpain
10:00	SHORT BREAK	
10:30	COFFEE	
11:00	Gastro-intestinal stem cells	Nick Barker
12:00 - 17:00	BREAK – Boat trip and barbeque picnic	
17:00	Skeletal muscle stem cells	Shahragim Tajbakhsh
18:00	COFFEE	
18:30	Embryonic stem cells	Austin Smith
19:30	SHORT BREAK	
20:00	POSTER SESSION I with REFRESHMENTS	

Monday 17th September

Paradigm stem cell systems

09:00	Lymphoid organ development	Shin-Ichi Nishikawa
10:00	COFFEE	
10:30	Inspire 1: Communicating your research to a non-specialist audience	Cathy Southworth & Jan Barfoot
12:30 - 15:00	BREAK	
15:00	Small group discussions I	
16:00	Rosettes in a dish: a route into neural stem cell biology	Elena Cattaneo
17:00	COFFEE	
17:30	Mesenchymal stem cells	Paolo Bianco
18:30	SHORT BREAK	
19:00	Communicake!	Clare Blackburn, Jan Barfoot, Cathy Southworth & all faculty
20:00	POSTER SESSION II with REFRESHMENTS	

Tuesday 18th September

Regulation and dysregulation: transcriptional regulation

09:00	Quantitative biology of stem cells	Alex van Oudenaarden
10:00	COFFEE	
10:30	Transcription Factors at the Heart of Naïve Pluripotency	Austin Smith
11:30	SHORT BREAK	
12:00	Inspire 2a: Getting out there - Schools	Cathy Southworth & Jan Barfoot
13:00 - 15:00	BREAK	
15:00	Small group discussions II	
16:00	TBC	Timm Schroeder
17:00	COFFEE	
17:30	Transcriptional control of stem cell fate	Brian Hendrich
18:30	SHORT BREAK	
19:00	Cellular origin of skin cancers and cutaneous cancer stem cells	Cédric Blanpain
20:00	POSTER SESSION III with REFRESHMENTS	

Wednesday 19th September

Regulation and dysregulation: regulation and dysregulation in vivo and in vitro

09:00	TBC	Val Wilson
10:00	COFFEE	
10:30	Modes of cell division	Shahragim Tajbakhsh
11:30	COFFEE	
12:00	Stem cell models - a review of concepts/ epithelial tissue modelling	Markus Loeffler
13:00 – 15:30	BREAK	
15:30	Inspire 2b: Getting out there - Open days and Science Festivals	Cathy Southworth & Jan Barfoot
16:30	Small group discussions III	
17:30	How to get your story published	Katherine Brown
18:30	COFFEE	
19:00	Epithelial stem cell interconversion	Yann Barrandon
20:00	FREE EVENING	

Thursday 20th September

Regulation and dysregulation: regulation and dysregulation in vivo and in vitro

09:00	Stem cells in the ageing haematopoietic system	Gerald de Haan
10:00	COFFEE	
10.30	Off the fence: a primer for the stem cell ethical landscape	Göran Hermerén & Aliko Nichogiannopoulou
	Inspire 2c:	Cathy Southworth & Jan Barfoot
12:30	Getting out there – Patient engagement	
13:30 - 15:00	BREAK	
15:00	Small group discussions IV	
16:00	Regenerating the aged thymus	Clare Blackburn
17:00	COFFEE	
17:30	Stem cell bioengineering	Matthias Lutolf
18:30	SHORT BREAK	
19:00	Communicake!	Clare Blackburn, Jan Barfoot, Cathy Southworth & all faculty
20:00	POSTER SESSION IV with REFRESHMENTS	

Friday 21st September

Into the clinic

09:00	Cell therapy of epithelial disorders	Michele De Luca
10:00	COFFEE	
10:30	Making neurons from human ES and iPS cells for transplantation studies and disease modelling	Elena Cattaneo
11.30	COFFEE	
12:00	Retinal repair: a test case for the use of pluripotent cells in regenerative medicine	Tim Allsopp (TBC)
13:00 - 16:30	BREAK	
16:30	Small group discussions V	
17:30	A phase I / II cell therapy trial for Duchenne Muscular Dystrophy	Giulio Cossu
18:30	SHORT BREAK	
19:00	Closing Session	
19:30	SHORT BREAK	
20:00	CLOSING DINNER	

Saturday 22nd September

Participants depart.