

Stem Cell Biology Discussion Course Schedule

2018-2019 - EXAMPLE

Open to all Masters students, first year PhD students and Clinical Fellows within CSCI labs/Affiliate labs.
All 4-year PhD students are expected to attend. **Participants must attend all sessions**

Term 1: Introduction to the SCI (presentations from the PIs)		
Term 1 consists of an introductory lecture course, when we invite each participating SCI PI to give a 20 minute talk about their lab's work. This allows you to put a face to the name, hear what each lab does, and give you a thorough initial grounding in all of the aspects of Stem Cell Biology represented in the CSCI.		
Full Michaelmas Term: Tue 2 Oct - Fri 30 Nov 2018		
Date	Session Topics	Session Leaders
03-Oct-18	Introduction to Stem Cell Biology	Austin Smith & Ben Simons
10-Oct-18	Human Pluripotent Cells to Model Early Development and Disease	Ludovic Vallier
17-Oct-18	Normal and Malignant Blood Stem Cells (Session I)	Brian Huntly
31-Oct-18	Gaining, Regaining & Losing Pluripotency	Jose Silva
		Brian Hendrich
		Jenny Nichols
07-Nov-18	Normal and Malignant Blood Stem Cells (Session II)	Daniel Hodson
		Simon Mendez-Ferrer
		Elisa Laurenti
		David Kent
14-Nov-18	Neural Stem Cells	Anna Philpott
		Robin Franklin
		David Rowitch
		Thora Karadottir
21-Nov-18	Physical and Computational Aspects of Stem Cell Biology	Kevin Chalut
28-Nov-18	Regenerative Medicine and Cell Therapy	Roger Barker
		Sanjay Sinha
		Cedric Ghevaert
		Andrew McCaskie
05-Dec-18	Epithelial Stem Cells and Cancer	Joo-Hyeon Lee
		Maria Alcolea
12-Dec-18	Normal and Malignant Blood Stem Cells (Session III)	Ingo Ringshausen
		Ana Cvejic
		Bertie Gottgens
		Tony Green

Terms 2 & 3: Stem Cell Biology Discussion Series		
The 2nd and 3rd terms comprise the real "Discussion" part of the Course. The lead PIs each week will identify 2-3 papers for you to read prior to the session, and a list of key concepts/ideas to be discussed. The PI(s) will lead a joint "discussion" session, but WILL NOT deliver a lecture; everyone will participate in the discussion.		
Full Lent Term: Tues 15 Jan - Fri 15 Mar 2019		
Date	Session Topics	Session Leaders
9-Jan-19	Embryos and Embryonic Stem Cells	Austin Smith & Ge Guo
16-Jan-19	Reprogramming to Pluripotency: The Germ Line and iPS	Jose Silva & Azim Surani
23-Jan-19	Physical Forces & Mechanisms in Stem Cell Fate Regulation	Kevin Chalut
30-Jan-19	Progenitor Maintenance vs Differentiation in the Nervous System	Anna Philpott & David Rowitch
6-Feb-19	Multisystem Regulation of Stem Cells	Simon Mendez-Ferrer & Cedric Ghevaert
13-Feb-19	Stem Cell Transplantation Therapy	Roger Barker
20-Feb-19	Dynamic transcription	Brian Hendrich & Srinjan Basu
27-Feb-19	How to Design and Interpret Single Cell Experiments	Bertie Gottgens, Nicola Wilson & Fiona Hamey
5-Mar-19	Epithelial Stem Cells	Maria Alcolea & Meritxell Huch
20-Mar-19	Neural Stem Cells	Robin Franklin
Full Easter Term: Tues 23 Apr - Fri 14 Jun 2019		
24-Apr-19	Disease Modelling with Stem Cells	Sanjay Sinha & Florian Merkle
1-May-19	Cancer Stem Cells	Doug Winton & Jasmine Fisher
8-May-19	Organoid Models and Applications	Joo-Hyeon Lee & Meritxell Huch
15-May-19	Stem Cell Computing	Sara-Jane Dunn & Ben Simons
22-May-19	Blood Cell Disorders	Brian Huntly & Daniel Hodson
29-May-19	Blood Stem Cells	Elisa Laurenti & David Kent
5-Jun-19	Clonal Haematopoiesis	George Vassiliou
12-Jun-19	Stem Cell Differentiation/Cell Interactions in Human 2D and 3D Models	Andras Lakatos & Peter Rugg-Gunn