

The WIMM DPhil Course

Lead co-ordinators: Simon Davis, Liz Cloke

Everybody welcome but **compulsory** for 1st year WIMM-based DPhil students
Seminar Room, Weatherall Institute of Molecular Medicine

29th October – 8th November 2018

Session	TOPIC	SPEAKER
Week 1		
	Monday, 29th October	
9.00 – 9.50am	How to do a DPhil; public engagement	Hal Drakesmith & Cat Vicente
9.50 – 10.40am	Research ethics, collaborations & authorship; IP	Mariolina Salio & Matt Carpenter
10.40 – 11am	Coffee Break	
11 – 11.50am	How to read/write scientific papers; creativity	Tatjana Sauker-Spengler & Simon Davis
11.50 – 12.40pm	Presentation basics	Lin Sagovsky
	Tuesday, 30th October	
Symposium 9-5 pm	<i>Experimental design: the good, the bad and the ugly</i>	Manuel Berdoy
	Thursday, 1st November	
9.00 – 9.50am	Genomics and gene regulation	Jim Hughes & Steve Twigg
9.50 – 10.40am	Bioinformatics	Nicki Gray
10.40 – 11am	Coffee Break	
11 – 11.50am	Single cell approaches	Neil Ashley & Roy Drissen
11.50 – 12.40pm	Mathematical modelling	Ruth Baker
Week 2		
	Monday, 5th November	
9.00 – 9.50am	RNA methods	Jan Rehwinkel
9.50 – 10.40am	Stem cell technologies	Adam Mead
10.40 – 11am	Coffee Break	
11 – 11.50am	Transgenic and knockout mouse generation	Ben Davies
11.50 – 12.40pm	Genome engineering	Tudor Fulga & Phil Hublitz
	Tuesday, 6th November	
9.00 – 9.50am	Protein structural analysis	Robert Gilbert
9.50 – 10.40am	Protein expression and the Biacore	Mafalda Santos & Simon Davis
10.40 – 11am	Coffee Break	
11 – 11.50am	Proteomics and metabolomics	Benedict Kessler
11.50 – 12.40pm	Flow cytometry and the CyTOF	Paul Sopp & Giorgio Napolitani
	Thursday, 8th November	
9.00 – 9.50am	Immunohistochemistry and related techniques	Louise Johnson
9.50 – 10.40am	Confocal microscopy	Christoffer Lagerholm
10.40 – 11am	Coffee Break	
11 – 11.50am	High resolution and single molecule imaging	Marco Fritzsche
11.50 – 12.40pm	Applications of electron microscopy	Errin Johnson
	Tuesday, 13th November	TEST (ONLY FOR WIMM STUDENTS)

MSD STUDENTS (NON WIMM)
TO ATTEND ANY OR ALL OF THESE SESSIONS YOU MUST BE REGISTERED
PLEASE DO THAT [HERE](#)