

Schedule of SCBC611 Current Protocols in Biomolecular Research

Lecture time: Tuesday and Thursday 9:00-11:00

Room: B301

Date	Topic	Lecture (hours)	Instructor
13 Dec 11 (9:00-12:00)	Introduction to the course Antibodies as biomolecular tools: ELISA, western blot, immunoprecipitation and ChIP	3	TS
15 Dec 11	Cell imaging as a tool for studying biomolecular function	2	PR
20 Dec 11	Biomolecular analysis with flow cytometry	2	JM
22 Dec 11	Proteomics study: 2D gel, 2D LC and analysis	2	SR
27 Dec 11	Array: microarray, array CGH, microRNA array	2	WR
29 Dec 11	No class		
5 Jan 12	Cell manipulation: gene knockdown by long double strand RNA, siRNA and shRNA	2	SJ
10 Jan 12	Introduction to bioinformatics for biomolecular research	2	VC
12 Jan 12	Paper discussion	2	TS
17 Jan 12	Examination		

Instructors

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