

Week	Dates	Theme	Lecturer
1	Sept 2,4	General themes in signal transduction	TM
2	Sept 9,11	What are the signals and how are they made?	TM
3	Sept 14,16,18	What are receptors?	AR
4	Sept 21,23,25	GPCRs and coupling to G proteins	AR
5	Sept 28,30 Oct 2	Small molecule mediators of GPCR signaling	TM
6	Oct 5,7,9	Trafficking of GPCRs	TM
	Oct 10	Exam 1	
7	Oct 12,14,16	Protein kinases	RA
8	Oct 19,21,23	RPTKs: upstream effectors	RA
9	Oct 26,28,30	RPTKs: downstream signaling	RA
10	Nov 2,4,6	Trafficking of RPTKs	RA
11	Nov 9,11,13	Regulation of cell cycle	BW
	Nov 14	Exam 2	
12	Nov 16,18,20	Regulation of protein degradation	SM
13	Nov 23,25	Signaling into the nucleus (truncated week)	SM
14	Nov 30 Dec 2	Signaling into the nucleus	EB
	Dec 9	Papers due	
15	Dec 9,11,14	Signaling into the nucleus	EB
	Dec 15	Exam 3	