

BIO467-567 Syllabus

Week	Subject
1	An introduction to cellular signaling
2	Extracellular signals: hormones, growth factors, cytokines
3	Signal Transduction by Receptors
4	Protein phosphorylation: kinases and phosphatases
5	Signal Transduction by cyclic nucleotides, cyclases and G proteins
6	Inositol phosphate metabolism and membrane lipids in cell signaling
7	Midterm exam
8	Redox signaling
9	Insulin signaling
10	Signal Transduction in environmental perception
11	Cell death signaling
12	Cell signaling in gene expression and development
13	Experimental methods in cellular signaling
14	Cell signaling at a glance: future perspectives

Textbook : Cell signaling, Fourth Edition, John T. Hancock, 2017, ISBN: 9780199658480