

Foundations of Biomedical Research 2021

Week 10: Extracellular and Intracellular Communication – Shane Cunha

Time	Mon 11/1	Tues 11/2	Wed 11/3	Thurs 11/4	Fri 11/5
8:30	Lecture 1: Diversity and conservation in signaling (ML)	Lecture 3: GPCRs and second messengers (CD)	Biostats/ Bioinformatics Lecture	Lecture 6: Receptor tyrosine kinases and Ras (SA)	Lecture 8: Temporal and spatial control of signaling (CD)
9:15	Break	Break		Break	Break
9:30	Lecture 2: Genetic analysis of signaling: yeast pheromone response (ML)	Lecture 4: GPCRs and second messengers (CD)	Break	Lecture 7: Developmental signaling pathways (SA)	Group activities: Journal club
9:45			Lecture 5: Bacterial quorum sensing and two-component signaling (DG)		
10:15	Group activities: epistasis activity (ML)/ assignment of papers (SRC)	Group activities: Journal club preparation		Group activities: Journal club preparation	
10:30			Group activities: Journal club preparation		

ML – Mike Lorenz

CD – Carmen Dessauer

SA – Swathi Arur

DG – Danielle Garsin