

CB7220 Molecular Biology of Cancer Development (2023)

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Mondays & Wednesdays 10:00am - 11:15 am @ Elliman Bldg., First Floor Conference Room

Mon & Wed	TOPIC	Instructor	Contact#
August 30	Introduction	Shekhar/Wu	578-4326; 578-4750
September 6	Cell cycle regulation mechanisms	Rishi	576-1000X64492
September 11			
September 13	Engineering models for investigating cancer development	Fernandez-Valdivia	577-0879
September 18			
September 20	CrispR gene editing	Wagner	578-4334
September 25			
September 27	DNA damage response and repair mechanisms	Brush	578-4300
October 2			
October 4	Tumor evolution and micro-heterogeneity	Doug Ruden	577-6688
October 9			
October 11	Molecular mechanisms of cell death	G.S. Wu	578-4750
October 16			
October 18	Protein Modeling and drug design	Steven Firestone	577-0455
October 23			
October 25	Epigenetic regulation of gene expression - class 1	Guojun Wu	576-8349
October 30	Block 1 Exam		
November 1	Epigenetic regulation of gene expression - class 2	Guojun Wu	576-8349
November 6	Chromatin remodeling and functional genomic techniques	Kidder	576-8302
November 8			
November 13	Transcriptional regulation, promoter/alternate promoters, splice variants	Ratnam	576-8612
November 15			
November 27	SUMO, Ubiquitin modifications, and Proteasome	Xie	578-4319
November 29	PROTAC Engineering	Xie	
December 4	Regulatory RNAs	Shekhar	578-4326
December 6			
December 11	ECM proteolysis and remodeling in tumor metastasis	Sheng	993-8197
December 18	Block 2 Exam		

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