

CB7210 Fundamentals of Cancer Biology
Winter 2024

Time: Tuesdays and Thursdays 2:30-3:45 pm

Location: Scott Hall 2268 (In-person lectures)

Course Directors: Youming Xie (youming.xie@wayne.edu); Guojun Wu (wugu@karmanos.org)

Class	Date	Instructor	Topic
			Block I
1	9-Jan	Michael Tainsky	Introduction: Historical and Basic Aspects of Cancer
2	11-Jan	Kristen Purrington	Cancer Epidemiology
3	16-Jan	Guojun Wu	Oncogenes and Tumor Suppressors
4	18-Jan	Yubin Ge	Hematological Malignancies
5	23-Jan	Ana deCarvalho	Brain Tumors
6	25-Jan	Benjamin Kidder	Cancer Stem Cells and Epigenomics
7	30-Jan	Mike Wilson	Gynecologic Cancer
	1-Feb	Abby Fielder, Aaron Lotvola	Study Day
	6-Feb		Exam 1: Classes 1-7 worth 70 points
			Block II
8	8-Feb	Gen-Sheng Wu	Cell Death
9	13-Feb	George Brush	DNA Repair and Cancer
10	15-Feb	Russell Finley	Cell Cycle
11	20-Feb	Zeng-Quan Yang	Transcriptional Regulation of Tumor Growth
12	22-Feb	Malathy Shekhar	Growth Factor Receptor Signaling
13	27-Feb	Malathy Shekhar	Hormone Mediated Cell Signaling
14	29-Feb	Youming Xie	Protein Degradation in Cancer
	5-Mar	Sahar Bannoura, Istri Ndoja, Nasrin Movahhedin	Study Day
	7-Mar		Exam 2: Classes 8-14 worth 70 points
	12-Mar		<i>Spring Break-No Class</i>
	14-Mar		<i>Spring Break-No Class</i>
			Block III
15	19-Mar	Larry Matherly	Cancer Therapeutics I
16	21-Mar	Larry Matherly	Cancer Therapeutics II
17	26-Mar	Larry Matherly	Cancer Therapeutics III
18	28-Mar	Karin List	Animal Models
19	2-Apr	Sreenivasa Chinni	Tumor Microenvironment and Metastasis
20	4-Apr	Sheryl Roberts	Tumor Physiology and Image
21	9-Apr	Heather Gibson	Tumor Immunology and Immunotherapy
22	11-Apr	Nasrin Movahhedin, Madison Wicker	Study Day
	16-Apr		Exam 3: Classes 15-21 worth 70 points