

CANC8221 The Basic Science of Oncology

Course Director: Norm Lee (nhlee@gwu.edu)

Textbook: The Basic Science of Oncology 5th edition (Tannock, Hill, Bristow, Harrington)

Meeting Time: Tuesday 1:00-4:00 PM (unless otherwise specified; check email night before)

<u>Dates</u>	<u>Topics</u>	<u>Lecturer</u>	<u>Room</u>
Jan 12	Pathology of Neoplasia	Dr. Pat Latham	WebEx
Jan 19	Introduction to Cancer: Oncogenes, Tumor Suppressor Genes & Cancer Pathways (chapters 7 & 8)	Dr. Norm Lee	WebEx
Jan 26	Cell Cycle & Death in Cancer (chapter 9)	Dr. Susan Ceryak	WebEx
Feb 2	Cancer Stem Cells Hematologic Malignancies	Dr. Maho Shibata Dr. Mamta Gupta	WebEx WebEx
Feb 9	Chemical Carcinogenesis (chapter 4) & Radiation Carcinogenesis	Dr. Travis O'Brien	WebEx
Feb 16	Viral Carcinogenesis (chapter 6)	Dr. Russell Cruz	WebEx
Feb 23	Tumor Immunology (chapter 21)	Dr. David Leitenberg	WebEx
Mar 2	<u>Student Presentations</u>		WebEx
Mar 9	Principles of Cancer Therapy & Cytotoxic Chemotherapy (chap 18)	Dr. Norm Lee	WebEx
Mar 10	Take home mid-term exam (Receive Mar 10, due Mar 12 by midnight)		
Mar 16	Steroid Hormone Receptors Hormone Therapy for Cancer	Dr. Ray Wu Dr. Norm Lee	WebEx WebEx
Mar 23	DNA Damage/DNA Repair	Dr. Wenge Zhu	WebEx
Mar 30	Cancer Metastasis	Dr. Rong Li	WebEx
Apr 6	Targeted Cancer Therapy Cancer Pharmacogenetics	Dr. Norm Lee Dr. Norm Lee	WebEx WebEx
Apr 13	Cancer Bioinformatics	Dr. Anelia Horvath	WebEx
Apr 20	Cancer Epigenetics	Dr. Ed Seto	WebEx

Apr 27

New Technologies Translational Oncology Dr. Fernandes

WebEx

Apr 28

Take home exam for 2nd half of semester (Receive Apr 28, due Apr 30 by midnight)

Faculty Emails:

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