

**INTD 551
Advanced Pathology
Spring 2007**

Course coordinator: L. Dubeau, NOR 0720, ldubeau@usc.edu

Classes: 10:00 - noon, McKibben Building, Room 251 (MCK 251) unless otherwise indicated

Recommended textbook: *Pathologic Basis of Disease*, Cotran, Kumar Robbins (eds.)

Date	Title	Instructor
January 8	Welcoming Remarks and Course Introduction	
	Visit to Norris surgical pathology laboratory	L Dubeau
January 10	Inflammation and Repair, Wound Healing	C-M Chuong/TL Tuan
January 12	Cytokines in the Inflammatory Response	F Hofman
January 15	Martin Luther King Holiday	
January 17	Liver Metabolism and Pathology -	H Tsukamoto
January 19	Cell Biology of Liver Fibrosis	H Tsukamoto
January 22	Angiogenesis and Neovascularization	F Hofman
January 24	Morphological Aspects of Cell and Injury and Death	K Tsoulas
January 26	Pathology retreat (no classes)	
January 29	Apoptosis	K Rich
January 31	Inflammatory bowel diseases	W Naritoku
February 2	Pancreatitis	S Pandol
February 5	Diabetes	A Keyser
February 7	Connective Tissue Diseases	A Keyser
February 9	Study time	
February 12	First Midterm Exam	
February 14	Epithelial/Mesenchymal Interactions During Development	C-M Chuong
February 16	Body Segments, Homeobox Genes	R Maxson
February 19	President's Day	
February 21	Disorders of development	Y Chai
February 23	Diseases Associated with Trinucleotide Expansions	N. Arnheim
February 26	Cytoskeleton, Intermediate Filaments	R Widelitz
February 28	Neoplasia	L Dubeau
March 2	Invasion and Metastasis	A Imam
March 5	Cell cycle regulation	A Schönthal
March 7	Genetic Basis of Cancer	L Dubeau
March 9	Immunohistochemical Diagnosis of Cancer	C Taylor
March 12	Lung Development	S Bellusci
March 14	Biological Characteristics of Cancer Cell Necrosis	A Epstein
March 15-20	Spring Break	
March 16	Germ cell tumors	L Dubeau
	Histological Diagnosis of Cancer I	
March 19	Histological Diagnosis of Cancer II	L Dubeau

March 21	Second Midterm Examination	
March 23	Topics for oral presentations are due	
	Atherosclerosis	A Baltayan
March 26	Genetic basis of atherosclerosis	H Allayee
March 28	Hypertension	A McDonough
March 30	Lymphocyte Maturation and Implications in the Manifestations and Diagnosis of Lymphoma	P Nichols
April 2	Gene Rearrangement and Recombination in Normal Development and Disease	M Lieber
April 4	Identification of Human Environmental Carcinogens	T Mack
April 6	Anthrax, Smallpox, and Bioterrorism	T Mack
April 9	The Pathogenesis of Occupational Lung Diseases	R Sherwin
April 11	Interactions Between the Genotype and the Environment	T Salam
April 13	Inflammatory Disorders of the Central Nervous System	F Hofman
April 16	Diseases of Aging	C Finch
April 18	Pathogenesis of Age Related Macular Degeneration	S He
April 20	Alzheimer's Disease	C Miller
April 23	Oral Presentations (9:00 - noon)	L Dubeau
April 25	Air Pollution	J Peters
April 27	Oral Presentations (9:00 - noon)	L Dubeau
April 30	Study time	
May 2		
May 4	Final Written Exam	L Dubeau
May 7		
May 9	Practical Exam	L Dubeau