

**Molecular Basis of Medicine (SMD 571)**  
**Class Schedule**  
**FALL 2007**

<u>Week</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Room</u>	
<b>1</b>	10/15	M	9-9:50	Introduction	JP	120 WH	
			10-10:50	Chemical Principles/ Acid-Base I	RAW	120 WH	
			11-11:50	Acid-Base II	RAW	120 WH	
	10/16	T	9-9:50	Acid-Base III	RAW	120 WH	
			10-10:50	Review (Acid Base Problem Solving)	RAW	120 WH	
			11-11:50	Protein Structure I	RAW	120 WH	
	10/17	W	9-9:50	Protein Structure II	RAW	120 WH	
			10-10:50	Protein Structure III	RAW	120 WH	
			11-11:50	Protein Structure IV	RAW	120 WH	
	10/18	Th	9-9:50	Hemoglobin I	RAW	120 WH	
			10-10:50	Hemoglobin II	RAW	120 WH	
			11-11:50	Review	RAW	120 WH	
	<b>2</b>	10/22	M	9-9:50	Fibrous and Plasma Proteins	RAW	120 WH
				10-10:50	Enzymes I	RAW	120 WH
				11-11:50	Enzymes II	RAW	120 WH
10/23		T	9-9:50	Enzymes III	RAW	120 WH	
			10-10:50	Enzymes IV	RAW	120 WH	
			11-11:50	Enzymes V	RAW	120 WH	
			1-2:50	Team Learning Session 1: Sickle Cell Anemia Teams # 1-9	GO/JD	120 WH	
			3-4:50	Team Learning Session 1: Sickle Cell Anemia Teams # 10-18	GO/JD	120 WH	
10/24		W	9-9:50	Nucleotides (purines)	JP	120 WH	
			10-10:50	Nucleotides (pyrimidines)	JP	120 WH	
			11-11:50	DNA I	JP	120 WH	
10/25		Th	9-9:50	DNA II	JP	120 WH	
			10-10:50	DNA Replication I	JP	120 WH	
			11-11:50	DNA Replication II	JP	120 WH	

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<b>3</b>	10/29	M	9-9:50	RNA/Transcription I	JP	120 WH
			10-10:50	Transcription II	JP	120 WH
			11-11:50	Transcription III	JP	120 WH
	10/30	T	9-9:50	Review	JP	120 WH
			10-10:50	Protein Synthesis I	JP	120 WH
			11-11:50	Protein Synthesis II	JP	120 WH
			1-2:50	Team Learning Session 2: Hyperuricemia Teams # 1-9	GO/JD	120 WH
			3-4:50	Team Learning Session 2: Hyperuricemia Teams # 10-18	GO/JD	120 WH
	10/31	W	9-9:50	Mutation/DNA Repair	JP	120 WH
			10-10:50	Genomic Rearrangements	JP	120 WH
			11-11:50	Recombinant DNA I	JP	120 WH
	11/01	Th	9-9:50	Review	RAW	120 WH
			10-10:50	Review	JP	120 WH

<u>Week</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Room</u>
4	11/05	M		<b>EXAM I</b>		
				(coverage through 11/01/07)		
	11/06	T	9-9:50	Recombinant DNA II	JP	120 WH
			10-10:50	Clinical Molecular Genetics I	JP	120 WH
			11-11:50	Clinical Molecular Genetics II	JP	120 WH
	11/07	W	9-9:50	Human Genetics I-Pedigree and Human Genome Project	MM	120 WH
			10-10:50	Human Genetics II-Inheritance	MM	120 WH
			11-11:50	Cytogenetics I	MM	120 WH
	11/08	Th	9-9:50	Amino Acid Metabolism I	JP	120 WH
			10-10:50	Amino Acid Metabolism II	JP	120 WH
			11-11:50	One Carbon Metabolism	JP	120 WH
	11/09	Fri	9-9:50	Aromatic Amino Acids/ Biogenic Amines	JP	120 WH
			10-10:50	Heme Synthesis	JP	120 WH
			11-11:50	Jaundice	JP	120 WH

<u>Week</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Room</u>
5	11/12	M		Veteran's Day – school closed		
	11/13	T	9-9:50	Review	JP	120 WH
			10-10:50	Cytogenetics II	MM	120 WH
			11-11:50	Clinical Case Family Presentation: Down's Syndrome	MM	120 WH
			1-2:50	Team Learning Session 3: Xeroderma Pigmentosum Teams # 1-9	GO/JD	120 WH
			3-4:50	Team Learning Session 3: Xeroderma Pigmentosum Teams # 10-18	GO/JD	120 WH
	11/14	W	9-9:50	Population Genetics	MM	120 WH
			10-10:50	Biochemical Genetics	MM	120 WH
			11-11:50	Clinical Case Family Presentation: Cystic Fibrosis	MM	120 WH
	11/15	Th	9-9:50	Overview of Carbohydrate Metabolism	NR	120 WH
			10-10:50	Important Chemical Structures	NR	120 WH
			11-11:50	Glycolysis I	NR	120 WH

<u>Week</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Room</u>
6	11/19	M	9-9:50	Glycolysis II	NR	120 WH
			10-10:50	Glycolysis III	NR	120 WH
			11-11:50	TCA I/Review	NR	120 WH
	11/20	T	9-9:50	Multifactorial Inheritance/Cancer	MM	120 WH
			10-10:50	Cancer Genetics I	MM	120 WH
			11-11:50	Prenatal Diagnosis	HW	120 WH
			1-2:50	Team Learning Session 4: Disorders of Amino Acid Metabolism Teams # 1-9	GO/JD	120 WH
			3-4:50	Team Learning Session 4: Disorders of Amino Acid Metabolism Teams # 10-18	GO/JD	120 WH
	11/21	W	9-9:50	Cancer Genetics II	MM	120 WH
			10-10:50	Clinical Case Family Presentation: Osteogenesis Imperfecta	MM	120 WH
			11-11:50	Review	MM	120 WH
	11/22	Th		THANKSGIVING School closed		

<u>Week</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Room</u>
7	11/26	M	9-9:50	TCA II	NR	120 WH
			10-10:50	TCA III	NR	120 WH
			11-11:50	Gluconeogenesis I	NR	120 WH
	11/27	T	9-9:50	Gluconeogenesis II	NR	120 WH
			10-10:50	Pentose Phos. Pathway & Glycogen I	NR	120 WH
			11-11:50	Glycogen II/Review	NR	120 WH
			1-2:50	Team Learning Session 5: Dietary Carbohydrate Metabolism Teams # 1-9	GO/JD	120 WH
			3-4:50	Team Learning Session 5: Dietary Carbohydrate Metabolism Teams # 10-18	GO/JD	120 WH
	11/28	W	9-9:50	Glycogen III	NR	120 WH
			10-10:50	Ox. Phos. I	NR	120 WH
			11-11:50	Ox. Phos. II	NR	120 WH
	11/29	Th	8-8:50	Review	MM	120 WH
			9-9:50	Review	JP	120 WH
			10-10:50	Review	NR	120 WH

<u>Week</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Room</u>		
8	12/03	M		<b>EXAM II</b>				
				(coverage through 11/29/07)				
			12/04	T	9-9:50	Oxidative Phosphorylation III	NR	120 WH
					10-10:50	Insulin Signaling I	NR	120 WH
					11-11:50	Insulin Signaling II	NR	120 WH
			12/05	W	9-9:50	Lipids	DTO	120 WH
					10-10:50	Fatty Acid Oxidation I	DTO	120 WH
					11-11:50	Fatty Acid Oxidation II	DTO	120 WH
			12/06	Th	9-9:50	Fatty Acid Synthesis I	DTO	120 WH
					10-10:50	Fatty Acid Synthesis II	DTO	120 WH
					11-11:50	Triglycerides	DTO	120 WH

<u>Week</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Room</u>
<b>9</b>	12/10	M	9-9:50	Complex Lipids I	DTO	120 WH
			10-10:50	Complex Lipids II/ Membranes	DTO	120 WH
			11-11:50	Lipids-Problem Solving	DTO	120 WH
	12/11	T	9-9:50	Bile Acids/Lipid Digestion	DTO	120 WH
			10-10:50	Lipid Transport I	DTO	120 WH
			11-11:50	Lipid Transport II	DTO	120 WH
			1-2:50	Team Learning Session 6: Mechanisms of Diabetes Teams # 1-9	GO/JD	120 WH
			3-4:50	Team Learning Session 6: Mechanisms of Diabetes Teams # 10-18	GO/JD	120 WH
	12/12	W	9-9:50	Atherosclerosis	DTO	120 WH
			10-10:50	Prostaglandins	DTO	120 WH
			11-11:50	Review	DTO	120 WH
	12/13	Th	9-9:50	Review	JP	120 WH
			10-10:50	Review	NR	120 WH
			11-11:50	Review	DTO	120 WH

FINAL EXAM- Monday, December 17, 2007 1:00 pm 174 WH

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