

**BCHB-513**  
**Core Concepts of Biochemistry and Molecular Biology**  
**Fall 2008- 4 Credits**  
**M: 10 - 11:15 a.m. Pre-Clinical LA2**  
**T R: 9 - 10:15 a.m. Pre-Clinical: LA4**

Lecture #				Topic	
				<b>BIOCHEM PLACEMENT EXAM / FORMATIVE ASSESSMENT</b>	
				<b>LABOR DAY</b>	
1				Biochemical Principles	
2				Acid-Base Chemistry, Amino Acids	
3				Protein Structure I	
4				Protein Structure II	
5				Nucleic Acids Enzymes I & II	
6				Recombinant Technology I	
7				Recombinant Technology II	
8				Enzyme I	
9				Enzyme II	
10				Replication I	
11				Replication II	
12				Replication III	
				<b>EXAM REVIEW-Crooke, Chirikjian &amp; Rosenthal C and D</b>	
				<b>EXAM I - PreClinical Science LA2</b>	
				<b>POST EXAM REVIEW* LA2</b>	
13				Transcription I	
14				Transcription II	
15				Transcription III	
				<b>COLUMBUS DAY</b>	
16				Transcription IV	
17				Translation I	
18				Translation II	
19				Translation III	
20				Chromatin I	
21				Chromatin II	

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Lecture #			Topic	
22			Nucleic Acid Metabolism I	
23			Nucleic Acid Metabolism II	
			<b>EXAM REVIEW - Danielsen, Rosenthal D, Rosenthal C.</b>	
			<b>EXAM II - PreClinical LA2</b>	
			<b>POST EXAM REVIEW*</b>	
24			Signal Transduction I/ GTPase/Kinases	
25			Signal Transduction II/ Growth Factor Signaling	
26			Hormone I	
27			Hormone II	
28			Cancer Biology I	
29			Cancer Biology II	
30			Cancer Biology III	
			<b>THANKSGIVING DAY</b>	
31			Basics of Immunology I	
32			Basics of Immunology II	
33			Human Genetics I	
34			Human Genetics II	
			<b>EXAM REVIEW (Tang, Rosen, Martin, Kisailus, Chan)</b>	
			<b>EXAM III- LA2</b>	
			<b>FINAL COMPREHENSIVE EXAM - LA4</b> <b>SUMMATIVE ASSESSMENT</b>	

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