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Spring 2-1-2007

### BMED 621.01: Medicinal Chemistry

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**Syllabus (tentative; based on TTh class times)**

<b>Date</b>	<b>Day</b>	<b>Lecture Title (tentative)</b>	<b>Reading</b>	<b>Article or Quiz</b>
Jan 23	T	Intro to Med Chem; Org Functional Groups		
Jan 25	Th	Review of Protein Structure	20-35	<a href="#">Paper 1</a>
Jan 30	T	Drug Action at Enzymes	37-64	
Feb 1	Th	Drug Action at Enzymes	37-64	<a href="#">Paper 2</a>
Feb 6	T	Drug Action at Receptors	66-92	
Feb 8	Th	Drug Action at Receptors	66-92	<a href="#">Paper 3</a>
Feb 13	T	Receptor Structure	94-120	
Feb 15	Th	Receptor Structure & Signal Transduction		Quiz 1
Feb 20	T	Nucleic Acid Structure and DNA Drugs	123-141	
Feb 22	Th	Drugs Used to Treat Cancer		<a href="#">Paper 4</a>
Feb 27	T	Drug Discovery & Drug Targets	142-169	
Mar 1	Th	Drug Targets and Drug Development		<a href="#">Paper 5</a>
Mar 6	T	Structure Activity & QSAR	169-177	
Mar 8	Th	Structure Activity & QSAR	258-279	<a href="#">Paper 6</a>
Mar 13	T	Structure Activity & QSAR		
Mar 15	Th	Drug Design & Substituent Variation	191-206	Quiz 2
Mar 20	T	Pharmacokinetics		
Mar 22	Th	Pharmacokinetics		<a href="#">Paper 7</a>
Mar 27	T	SPRING VACATION – No Classes		
Mar 29	Th	SPRING VACATION – No Classes		
Apr 3	T	Solid Phase and Combinatorial Synthesis	289-317	
Apr 5	Th	Solid Phase and Combinatorial Synthesis		<a href="#">Paper 8</a>
Apr 10	T	Antibacterial Agents		
Apr 12	Th	Antibacterial Agents		<a href="#">Paper 9</a>
Apr 17	T	Cholinergic and Adrenergic Drugs	432-479	
Apr 19	Th	Adrenergic Drugs		<a href="#">Paper 10</a>
Apr 24	T	Serotonergic or Glutamatergic Drugs		
Apr 26	Th	Opiates	511-548	Quiz 3
May 1	T	to be announced		
May 3	Th	to be announced		Review
Final				FINAL