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Spring 2-1-2008

### BMED 444.01: Pharmacology / Toxicology

Keith K. Parker

*University of Montana, Missoula*, keith.parker@umontana.edu

Vernon R. Grund

*University of Montana, Missoula*, vernon.grund@umontana.edu

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**BMED 444 – PHARMACOLOGY/TOXICOLOGY  
SPRING 2008**

Instructors:

Dr. Keith Parker, SB 271 (X4235); Lab SB 263 (X6498); keith.parker@umontana.edu.  
(coordinator)  
Dr. Fernando Cardozo-Pelaez, SB244 (X4025); fernando.cardozo@umontana.edu  
Dr. Vernon Grund, SB 395B (X4770); vernon.grund@umontana.edu  
Dr. Melisa Schelvan, SB 156 (406)-360-1034 (cell); melisa.schelvan@umontana.edu  
Dr. David Shepherd, SB 284 (X2224); david.shepherd@umontana.edu  
Dr. Jerry Smith, SB 060 (X5788), Lab: SB 061, (X2936); jerry.smith@umontana.edu

Texts:

"Basic & Clinical Pharmacology", 10<sup>th</sup> Edition by Bertram G. Katzung, Lange Medical Books/McGraw-Hill, New York, NY, 2007 (Req'd)  
"The Pharmacological Basis of Therapeutics", 11th edition by Goodman and Gilman; J.G. Hardman & L.E. Limbird, eds.; McGraw-Hill Publishers, New York, NY; 2006 (alternate).

Location and Time:

Lectures will be Tuesday and Thursday, from 11:10 A.M. - 12:00 P.M. in SB 169; and Monday and Wednesday, from 1:10 – 2:00 PM in SB 169

Examinations:

There will be four (4) hourly examinations (100 points each), and one final examination (200 points). The final is required for all students and will be composed of two parts: 100 points of new material; 100 points of comprehensive material from the entire course. In all cases, performance according to University of Montana and School of Pharmacy ethical standards and regulations is expected. Exams are to be taken as scheduled (please see School of Pharmacy policy).

The grading scale for the course, will be:

A = 90.0-100.0%; B = 80.0-89.9%; C = 70-79.9%; D = 60.0-69.9%; F = 0-59.9%

## LECTURE SCHEDULE

<b>Week</b>	<b>Lecture #</b>	<b>Date</b>	<b>Subject</b>	<b>Katzung Req'd Reading</b>
<b>1</b>	1	1-22	Intro. to Cardiovascular Disease (MS)	
	2	1-23	Cardiovascular Disease & Complications (MS)	
	3	1-24	Atherosclerosis Intervention Strategies (MS)	35
<b>2</b>	4	1-28	Lipid Lowering Agents (MS)	
	5	1-29	Lipid Lowering Agents (MS)	
	6	1-30	Hypertension (MS)	11
	7	1-31	Antihypertensives (MS)	
<b>3</b>	8	2-4	Antihypertensives (MS)	
	9	2-5	Antihypertensives (MS)	
	10	2-6	Antihypertensives (MS)	
	11	2-7	Antiarrhythmics (MS)	14
<b>4</b>	12	2-11	Antiarrhythmics (MS)	
	13	2-12	<u>Antiarrhythmics (MS)</u>	
	--	<b>2-13</b>	<b>Exam 1</b>	
	14	2-14	Introduction to Blood (JS)	34
<b>5</b>	--	<b>2-18</b>	<b>President's Day Holiday</b>	
	15	2-19	Clotting factors, anticoagulants, fibrinolytics (JS)	
	16	2-20	Clotting Factors (JS)	
	17	2-21	Antiplatelets (JS)	

<b>Week</b>	<b>Lecture #</b>	<b>Date</b>	<b>Subject</b>	<b>Katzung</b>
<b>6</b>	18	2-25	Thrombolytics (JS)	
	19	2-26	Acute Reaction to Myocardial Infarction (JS)	
	20	2-27	Myocardial Infarct-Therapeutic Approach (JS)	
	21	2-28	Congestive Heart Failure (JS)	
<b>7</b>	22	3-3	Heart Failure (cont.)	13
	23	3-4	Heart Failure (cont.)	
	24	3-5	Angina Pectoris (JS)	
	25	3-6	Angina Pectoris (JS)	
<b>8</b>	-	<b>3-10</b>	<b>Exam 2</b>	
	26	3-11	Toxicology Intro (KP)	57-59
	27	3-12	“	
	28	3-13	Methamphetamine Project (Sandra Wells)	
<b>9</b>	29	3-17	Neurotoxicology (FC)	
	30	3-18	“	
	31	3-19	“	
	32	3-20	Air Pollution in Western Montana (Tony Ward)	
<b>10</b>	--	<b>3/24-3/28</b>	<b>SPRING BREAK</b>	
<b>11</b>	33	3-31	Immunotoxicology (DS)	
	34	4-1	“	
	35	4-2	Forensic Toxicology (Jim Hutchinson)	
	--	<b>4-3</b>	<b>Exam 3</b>	

<b>Week</b>	<b>Lecture #</b>	<b>Date</b>	<b>Subject</b>	<b>Katzung</b>
<b>12</b>	36	4-7	Diabetes (VG)	41
	37	4-8	Diabetes (VG)	
	38	4-9	Diabetes (VG)	
	39	4-10	Neuropeptides (KP)	37
<b>13</b>	40	4-14	Neuropeptides (cont.)	
	41	4-15	Thyroid (KP)	38
	42	4-16	Thyroid (cont.)	
	43	4-17	Parathyroid (KP)	42
<b>14</b>	44	4-21	Adrenals	39
	45	4-22	Adrenals (cont.)	
	46	4-23	Sex Steroids (KP)	40
	--	<b>4-24</b>	<b>Exam 4</b>	
<b>15</b>	47	4-28	Sex Steroids (cont.)	
	48	4-29	Sex Steroids (cont.)	
	49	4-30	Sex Steroids (cont.)	
	50	5-1	Review and Evaluations	
<b>16</b>	--	<b>5-6</b>	<b>Final Exam (10:10 AM-Noon)</b>	