

Pharmacology I (PHAR 536) Fall 2006			
Pharmacy Hall Room 120			
2:00-2:50 MWF (except as noted in footnote)			
Date	Lecture #	Topic	Faculty
Overview of Autonomic Anatomy & Physiology			
28-Aug	1	parasympathetic nervous system	Moreton
30-Aug	2	sympathetic nervous system	Moreton
Sympathomimetic Drugs			
1-Sep	3	direct acting α_1 - and β_1 agonists	Undie
5-Sep	4* (Tu 3:00)	direct acting β_2 -agonists	Undie
6-Sep	5	direct acting non-selective agonists & misc. indirect acting agonists	Undie
Sympatholytic Drugs			
8-Sep	6	non-selective and selective alpha antagonists	Undie
11-Sep	7	non-selective and selective beta antagonists	Undie
Direct Cholinergic Agonist Drugs			
13-Sep	8	choline esters & natural alkaloids	Moreton
15-Sep	9	synthetic analogs	Moreton
Cholinergic Receptor Blocking Drugs			
18-Sep	10	muscarinic receptor, ganglionic & neuromuscular blocking agents	Moreton
Diuretic Drugs			
20-Sep	11	thiazides	Moreton
22-Sep	12	loop diuretics	Moreton
25-Sep	13	potassium sparing, and osmotic diuretics	Moreton
Antihypertensive Drugs			
27-Sep	14	centrally acting sympatholytics	Moreton
28-Sep	Lab Exam	Laboratory Exam (7:30-8:50, TBA)	
29-Sep	15	α_1 receptor blocking agents	Moreton
2-Oct	16	β receptor blockers	Moreton
4-Oct	17	calcium channel blockers	Moreton
Vasopeptides: Inhibitors and Antagonists			
5-Oct	18**Thur 4:00	vasopeptidase inhibitors (ACEIs, NEPIs)	Moreton
9-Oct	19	vasopeptide receptor antagonists (AT ₁ , B ₂ , ET ₁ & V ₁ antagonists)	Moreton
10-Oct	Exam	Exam #1 (lectures 1-10) (7:30-8:50, TBA)	
Positive Inotropes			
11-Oct	20	cardiac glycosides	Buterbaugh
13-Oct	21	phosphodiesterase III inhibitors & b-adrenergic agonists	Buterbaugh
Drugs Used to Treat Ischemic Heart Disease			
16-Oct	22	β -adrenergic antagonists, Ca channel blockers & organic nitrates	Buterbaugh
Antiarrhythmic Drugs			
18-Oct	23	class I _A , I _B , I _C drugs	Buterbaugh
20-Oct	24	class II drugs	Buterbaugh
23-Oct	25	class III & Class IV drugs	Buterbaugh
Antihistaminics and Antiserotonergic Drugs			
24-Oct	26* Tu 3:00	antihistamines (H ₁ blockers)	Moreton
25-Oct	27	antihistamines (H ₃ blockers)	Moreton

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27-Oct	Exam	Exam #2 (Lectures 11-22, & 1-10) (7:30-8:50, TBA)	
27-Oct	28	antiserotonergic (antimigraine) drugs	Moreton
		Prostaglandins, Prostacyclin, Thromboxane	
30-Oct	29	prostaglandin pharmacology	Weiner
1-Nov	30	prostaglandin analogs	Weiner
3-Nov	31	drugs affecting prostaglandins and leukotrienes	Weiner
		Antiinflammatory Drugs	
6-Nov	32	non-steroidal anti-Inflammatory drugs	Weiner
8-Nov	33	non-steroidal anti-inflammatory drugs	Weiner
10-Nov	34	immunosuppressant antiinflammatory drugs	Weiner
13-Nov	35	slow-acting anti-Inflammatory drugs	Weiner
15-Nov	36	Drug for Treatment of Gout	Weiner
17-Nov	37	Drugs for Treatment of Glaucoma	Moreton
		Drugs for Treatment of Asthma	Weiner
20-Nov	38	β -adrenergic receptor agonists, glucocorticoids, cromolyn sodium & theophylline	Weiner
21-Nov	39* Tu 3:00	leukotriene modifying drugs	
		Immunosuppressant Drugs	
22-Nov	40	adrenocortical steroids and calcineurin inhibitors	Hayashi
27-Nov	41	antiproliferative, antimetabolic drugs and antibodies	Hayashi
		Drugs for Treatment of Hyperlipidemia	
29-Nov	42	statins	Weiner
1-Dec	43	fibrates and other	Weiner
4-Dec	Exam	Exam #3 (Lectures 23-36, & 11-22) (7:30-8:50, TBA)	
		Drugs for Disorders of Coagulation	
4-Dec	44	heparin and derivatives	Luo
6-Dec	45	antiplatelet drugs	Luo
8-Dec	46	thrombolytic drugs	Luo
TBA	Exam	Exam #4 (Lectures 37-46, & 23-36)(TBA, TBA)	
		Cardiovascular Pharmacology Computer Laboratories	Moreton
TBA	Class	TBA Introduction to Cardiovascular Laboratory	Moreton
<i>11-Sep</i>	<i>Lab I</i>	<i>9-11: 108 PLC: Groups 8, 9, 10</i>	Moreton
<i>13-Sep</i>	<i>Lab II</i>	<i>9-11: 108 PLC: Groups 1, 2, 3,4</i>	Moreton
<i>15-Sep</i>	<i>Lab III</i>	<i>9-11: 108 PLC: Groups 5, 6, 7,</i>	Moreton
<i>18-Sep</i>	<i>Lab IV</i>	<i>9-11: 108 PLC: Groups 9, 10</i>	Moreton
<i>20-Sep</i>	<i>Lab V</i>	<i>9-11: 108 PLC: Groups 5, 6, 7, 8</i>	Moreton
<i>22-Sep</i>	<i>Lab VI</i>	<i>9-11: 108 PLC: Groups 1, 2, 3, 4</i>	
		* Note class is Tuesday at 3:00	
		** Note Class Thursday at 4:00	

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