

**BIOMEDICAL SCIENCES 6402  
SYSTEMIC MEDICAL PHARMACOLOGY**

**Second Semester, 2006-2007  
Schedule of Course Meetings**

<b><u>Date</u></b>	<b><u>Day</u></b>	<b><u>Time (am)</u></b>	<b><u>Topic</u></b>	<b><u>Faculty</u></b>
11/06	Mon.	8:00-8:50	Lipid-lowering Drugs (Statins, niacin, absorption inhibitors, resins)	A. Warner
11/07	Tues.	11:00-11:50	Anti-Anginal Drugs (Nitrites, beta blockers, calcium channel blockers)	G. Patrick
11/13	Mon.	10:00-10:50	Cardiac Stimulants; CHF (Digitalis glycosides, diuretics, ACE inhibitors)	G. Patrick
11/14	Tues.	10:00-10:50	Antiarrhythmic Agents (Calcium channel blockers, amiodarone)	M. Overton
11/14	Tues.	11:00-11:50	Antiarrhythmic Agents (Sodium channel blockers, beta blockers)	M. Overton
11/16	Thurs.	10:00-10:50	Antihypertensive Agents (Beta blockers, diuretics, alpha-1 blockers, alpha-2 agonists)	A. Warner
11/16	Thurs.	11:00-11:50	Antihypertensive Agents (ACE inhibitors, ARBs, direct vasodilators)	A. Warner
11/21	Tues.	10:00-10:50	Clinical Discussion: Pulmonary Antimicrobial Therapy (Pneumonia, bronchitis, upper tract)	G. Patrick/ G. Galasko
11/27	Mon.	10:00-10:50	Drugs for Asthma (Beta-2 agonists, corticosteroids, leukotriene blockers, mast cell stabilizers, theophylline, anticholinergics)	G. Galasko
12/04	Mon.	10:00-10:50	Miscellaneous Pulmonary Drugs (Cough suppressants, antihistamines, expectorants)	G. Patrick
12/05	Tues.	8:00-9:50	<i>Small Groups: Cardiovascular and Pulmonary Cases (Quiz)</i>	<i>Faculty</i>
12/08	Fri.	8:00-12:00	<b>EXAMINATION</b>	

1/04	Thurs.	10:00-10:50	Diuretics (Carbonic anhydrase inhibitors, loop diuretics, thiazide diuretics, potassium sparing diuretics)	A. Warner
1/04	Thurs.	11:00-11:50	Pharmacology Discussion	G. Galasko/ G. Patrick
1/08	Mon.	10:00-10:50	Drugs for Urinary Tract Infection (Cystitis, pyelonephritis)	G. Patrick
1/09	Tues.	10:00-10:50	Renal Disease and Drugs (Tubular necrosis, papillary necrosis)	G. Patrick
1/10	Wed.	8:00-8:50	Clinical Cases: Renal Drugs	G. Galasko/ G. Patrick
1/17	Wed.	8:00-8:50	Anti-emetic Agents (Serotonin blockers, dopamine blockers, motion sickness)	G. Patrick
1/18	Thurs.	10:00-10:50	Drugs for Peptic Ulcer and GERD (Proton pump inhibitors, H2 blockers, antacids, H. pylori)	G. Galasko
1/22	Mon.	10:00-10:50	Antidiarrheal Agents; Malabsorption (Adsorbents, opioids, 5-ASA analogs, IBD)	G. Patrick
1/23	Tues.	10:00-10:50	Laxatives, Prokinetic Agents, and Drugs for Hepatitis (Stimulant and bulk laxatives, serotonergic agents)	G. Patrick
2/02	Fri.	8:00-12:00	<b>EXAMINATION</b>	
2/08	Thurs.	8:00-8:50	Hormonal Contraceptives (Oral contraceptives, topical and other methods)	J. Shepherd
2/09	Fri.	10:00-10:50	Hormonal Therapy (Estrogens, progestins, SERMs)	J. Shepherd
2/13	Tues.	10:00-10:50	Androgens, drugs forBPH	G Galasko/ G Patrick
2/15	Thurs.	10:00-10:50	Drugs for Diabetes Mellitus (Insulins, sulfonylureas, “glitazones”, metformin)	G. Galasko
2/15	Thurs.	11:00-11:50	Drugs for Diabetes Mellitus (Insulins, sulfonylureas, “glitazones”, metformin)	G. Galasko

2/20	Tues.	10:00-10:50	Thyroid Medications (Replacement therapy, thyroid suppression)	G. Galasko
2/22	Thurs.	10:00-10:50	Corticosteroid Hormones (Hydrocortisone, synthetic corticosteroids)	G. Galasko
2/28	Wed.	10:00-10:50	Clinical Cases: Endocrine Drugs (Quiz)	G. Galasko / G.Patrick
3/3	Fri.	8:00-12:00	<b>EXAMINATION</b>	
3/12	Mon.	10:00-10:50	Drugs and Anemia (Iron supplements, vitamin B12, folic acid)	G. Patrick
3/20	Tues.	11:00-11:50	Anticoagulants and Fibrinolytics (Coumarins, heparin, antiplatelet agents, TPA)	P. Treadwell
3/23	Fri.	10:00-10:50	Chemotherapy and Leukemia	G. Patrick
3/26	Mon.	8:00-8:50	Calcium regulation, drugs affecting bone (PTH, calcitonin, vitamin D, biphosphonates, anabolic agents)	G. Galasko
3/27	Tues.	10:00-10:50	Pain Medications (Opioids and analogs)	G. Patrick
3/27	Tues.	11:00-11:50	Pain Medication (Opioids and analogs)	G. Patrick
3/28	Wed.	8:00-8:50	PGs, acetaminophen, NSAIDs	G. Galasko
3/28	Wed.	9:00-9:50	Drugs used in treating neuropathic pain	G Galasko
4/03	Tues.	10:00-10:50	Medications for Arthritis and Gout (NSAIDs, DMARDs, corticosteroids, TNF-alpha: xanthine oxidase inhibitors, colchicine, uricosuric agents)	G. Galasko
4/04	Wed.	8:00-9:50	<i>Small Groups: Drugs for Pain (Quiz)</i>	<i>Faculty</i>
4/04	Wed.	10:00-10:50	Headache Management	A. Warner
4/06	Fri.	8:00-12:00	<b>EXAMINATION</b>	
4/09	Mon.	10:00-10:50	Local Anesthetic Agents (Esters, amides, lidocaine, cocaine)	G. Galasko

4/10	Tues.	10:00-10:50	General Anesthetic Agents (Inhalation anesthetics, IV anesthetics)	G. Patrick
4/10	Tues.	11:00-11:50	Sedative and Antianxiety Agents (Benzodiazepines, barbiturates)	G. Galasko
4/11	Wed.	11:00-11:50	CNS Infections	G. Patrick
4/12	Thurs.	8:00-8:50	Alcohols	G. Patrick
4/12	Thurs.	9:00-9:50	Stimulants and Hallucinogens (Methylxanthines, psychomotor stimulants, LSD, cannabinoids, “designer drugs”)	G. Patrick
4/18	Wed.	10:00-10:50	Drugs for Depression	S. Cappendijk
4/18	Wed.	11:00-11:50	Antipsychotic Drugs	S. Cappendijk
4/19	Thurs.	10:00-10:50	Drugs for Epilepsy (Generalized seizures, partial seizures, absence)	G. Patrick
4/19	Thurs.	11:00-11:50	Drugs for Chronic CNS Diseases (Drugs for Parkinson’s disease, tremor)	G. Maitland
4/24	Tues.	8:00-8:50	(Quiz –CNS) Drugs for Ophthalmic Conditions (Drugs for glaucoma, conjunctivitis)	G. Patrick
4/24	Tues.	9:00-9:50	Pharmacology Discussion	G. Galasko/ G. Patrick
4/26	Thurs.	10:00-10:50	Clinical Discussion: Top 100 Prescription Drugs (Quiz)	G. Galasko/ G. Patrick
4/30	Mon.	9:00-9:50	Drugs for Dermatologic Conditions (Drugs for psoriasis and acne, retinoids)	G. Patrick
4/30	Mon.	10:00-10:50	Drugs for Dermatologic Conditions (Suncscreens, insect repellants, topical antiparasitic agents)	G. Patrick
5/01	Tues.	10:00-10:50	CNS, Ophthalmic, and Dermatologic Drugs: Clinical Cases (SUSSAI)	G. Galasko/ G.Patrick
5/04	Fri.	8:00-12:00	<b>EXAMINATION</b>	
5/18	Fri.	8:00-12:00 1:00-3:00pm	<b>COMPREHENSIVE EXAMINATION</b>	

**Faculty in BMS 6402:**

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