

KJM 5230 and KJM 9230 – Required Reading (Pensum) Fall 2016

T. L. Lemke; D. A. Williams; V. F. Roche; S. W. Zito: *Foye's Principles of Medicinal Chemistry*, 7th Ed. 2013. Wolters Kluwer/Lippincott Williams&Wilkins.+ lecture notes as specified below.

Required reading KJM5230

Chapt.	Title	Ca. No. of pages*
1	Drug discovery from natural products	13
2	Drug design and relationship of functional groups to pharmacologic activity	29
3	Physiochemical and biopharmaceutical properties of drug substances and pharmacokinetics, only p 61-70 and 74-76. (sect about prodrugs)	10
4	Drug metabolism	75
7	Receptors as targets for drug discovery	18
8	Drug design through enzyme inhibition	18
33	Antibiotics and antimicrobial agents	44
35	Antifungal agents	11
37	Cancer and cancer chemotherapy	60
38	Antiviral agents and protease inhibitors	32
	lecture notes on natural products	16
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Chapt.	Title	Ca. No. of pages*
	As for KJM5230 (see above)	313
6	Pharmaceutical biotechnology, p 228-239 (therapeutic peptide and protein drugs)	11
34	Antiparasitic agents	27
35	Antimycobacterial agents	20
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