

Principles of drug action
SCPM 502, 2 credits (2-0-4)
Academic Year 2561 (2018)

Date: 29 October 2018 – 7 December 2018

Time: Mon, Wed, Fri 09.00-12.00

Room: Pr. 501, Department of Pharmacology

Date	Topics	Instructors
29 October Monday (13.00-16.00)	L1: Introduction to pharmacodynamics & pharmacokinetics L2: Pharmacokinetics I L3: Pharmacokinetics II	NS
31 October Wednesday	L4: Pharmacokinetics: III L5: Effect of liver and kidney diseases on pharmacokinetics L6: Drug dosing regimen	NS
1 November Thursday (9.00-12.00)	Conference 1: pharmacokinetics (2 h) L7: Drug discovery and development (1 h)	NS
5 November Monday	L8-9: Biotransformation and factors affecting drug biotransformation I and II L10: Drug transporters	PK
7 November Wednesday	L11: Pharmacogenomics I L12: Pharmacogenomics II	PK PK
9 November Friday	Examination 1 (L1-9, C1)	
12-23 November	SCID 518	
26 November Monday	L13: Physiologically-based pharmacokinetics L14: Individual variation & drug interactions L15: Molecular targets of drug action	PK PK DP
28 November Wednesday	L16: Ligand-receptor interaction L17: Dose-effect and concentration-effect analysis Conference 2: pharmacodynamics calculations (1 h)	PT PT
30 November Friday	L18: drug addiction and abuse Conference 3: drug addiction treatment (2 h)	PP
3 December Monday 9.00-12.00	L19: Drug uses in pediatric and geriatric patients L20: Drug uses in pregnancy and lactation	DP
3 December Monday 13.00-16.00	L21: Adverse drug reactions (ADR) Conference 4: ADR (2 h)	NJ
7 December Friday	Examination 2 (L10-21, C3-5)	