

System Biological Basis for Pharmacology (SCPM 512)
Academic Year 2017 (2560)

Date: 18 September-16 October 2017

Time: Monday, Wednesday, Friday 09.00-12.00

Room: Pr. 501/ Pr. 507, Department of Pharmacology

DATE	TOPIC	LECTURE
Mon 18 September	L1: Introduction to system biology L2: Structure and function of cell membrane L3: Membrane potential and drugs affecting membrane functions – local anesthetics	SY
Wed 20 September	L4: Overview of ANS L5-6 : Drugs affecting parasympathetic nervous system I-II	PT
Fri 22 September	L7: Muscle relaxants	PP
	L8: Sympathetic nervous system L9: Adrenergic and antiadrenergic drugs	NJ
Mon 25 September	Examination 1	WH
Wed 27 September	L10: Pathogenesis of inflammation Conference 1: Anti-inflammatory drugs (2h)	WH
Fri 29 September	L11-12: Organization and function of cardiovascular system	PT
	L13: Organization and function of renal system	PM
Mon 2 October	L14: Organization and function of nervous system Conference 2: Drugs affecting nerve terminal (2 h)	NJ
Wed 4 October	L15-16: Organization and function of GI system L17: GI disorders	PP
Fri 6 October	Examination 2	WH
Mon 9 October	L18-20: Organization and function of endocrine system	DP
Wed 11 October	L21: Endocrine disorders Conference 3 : Endocrine disorders	NM
Thur 12 October	L22: Male reproduction	SY
	L23: Female reproduction	DP
	L24: Pregnancy and lactation	PK
Mon 16 October	Examination 3	WH