

System Biological Basis for Pharmacology (SCPM 512)
Academic Year 2018 (2561)

Date: 26 September-29 October 2018

Time: Monday, Wednesday, Friday 09.00-12.00

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

DATE	TOPIC	LECTURE
Wed 26 September	Orientation (15 min)	WH
	L1: Introduction to system biology	SY
	L2: Structure and function of cell membrane	
	L3: Membrane potential and drugs affecting membrane functions – local anesthetics	
Fri 28 September	L4: Organization and function of autonomic nervous system (ANS)	PM
	L5-6: Organization and function of respiratory system	SY
Mon 1 October	L7-8 : Organization and function of nervous system	NJ
Wed 3 October	Examination 1 (L1-L8)	WH
Fri 5 October	L9: Pathogenesis of inflammation	WH
	Conference 1: Anti-inflammatory drugs (2h)	
Mon 8 October	L10-12: Organization and function of cardiovascular system	PT
Wed 10 October	L13-14: Organization and function of renal system	PM
Fri 12 October	L15-16: Organization and function of GI system	PP
	L17: GI disorders	
Wed 17 October	Examination 2 (L9-L17, Conference 1)	WH
Mon 22 October	L18-20: Organization and function of endocrine system	DP
Wed 24 October	L21: Endocrine disorders	NM
	Conference 2 : Endocrine disorders (2 h)	
Fri 26 October	L22: Female reproduction	DP
	L23: Pregnancy and lactation	PK
	L24: Male reproduction	SY
Mon 29 October	Examination 3 (L18-L24, Conference 3)	WH