

System Biological Basis for Pharmacology (SCPM 512)
Academic Year 2019 (2562)

Date: 9 September-7 October 2019

Time: Monday, Wednesday and Friday 09.00 - 12.00

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

DATE	TOPIC	LECTURE
Mon 9 September (13:00-16:00)	Orientation (15 min)	RH
	L1: Introduction to system biology	SY
	L2: Structure and function of cell membrane	
	L3: Membrane potential and drugs affecting membrane functions - local anesthetics	
Wed 11 September	L4: Organization and function of autonomic nervous system (ANS)	SR
	L5-6: Organization and function of respiratory system	SY
Fri 13 September (9:00-11:00)	L7-8: Organization and function of nervous system	NJ
Mon 16 September (9:00-12:00)	Examination 1 (L1-L8)	RH
Wed 18 September	L9: Pathogenesis of inflammation	RH
	Conference 1: Anti-inflammatory drugs (2h)	
Fri 20 September	L10-12: Organization and function of cardiovascular system	PT
Mon 23 September (9:00-11:00)	L13-14: Organization and function of renal system	PM
Wed 25 September	L15-16: Organization and function of GI system	SL
	L17: GI disorders	
Fri 27 September (9:00-12:00)	Examination 2 (L9-L17, Conference 1)	RH
Mon 30 September	L18-20: Organization and function of endocrine system	DP
Wed 2 October	L21: Endocrine disorders	NM
	Conference 2: Endocrine disorders (2 h)	
Fri 4 October	L22: Female reproduction	DP
	L23: Pregnancy and lactation	PK
	L24: Male reproduction	SY
Mon 7 October (9:00-12:00)	Examination 3 (L18-L24, Conference 3)	RH