

SCPM 511: Molecular and Cellular Science in Pharmacology

1 credit [1(1-0-2)]

Academic Year 2023

Date: Mon, Wed, Fri; **Time:** 9:00 – 12:00 hr

Venue: Pr 507, Faculty of Science, Mahidol University

Course coordinator: Asst. Prof. Dr.Pornnipa Korprasertthaworn (pornnipa.kor@mahidol.edu)

Google classroom:

Date	Topic	Instructor
Mon 7 August 2023	L1-2: Receptors and ion channels	DP
Wed 9 August 2023	L3-4: Signal transduction and secondary messengers	DP
Fri 11 August 2023	L5: Neurotransmitters and neuromodulators	NJ
	L6: Autacoids I – histamines (antihistamines), serotoninins	PT
	L7: Autacoids II – prostaglandins, leukotrienes	PT
Mon 14 August 2023	H.M. Queen Mother's Birthday (in lieu)	
Wed 16 August 2023	Examination I (L1-7)	
Fri 18 August 2023	L8: Overview of immune system	WS
	L9: Antigen recognition & body response to invaders	WS
	L10: Cytokines and chemokines	WS
Mon 21 August 2023	L11: Carcinogenesis	PM
	L12-13: Cell cycle and cell death cell response to injury	RH
Wed 23 August 2023	L14: Gene expression	PK
	L15: Gene regulation	PK
Fri 25 August 2023	Self-study	
Mon 28 August 2023	Examination II (L8-15)	

WS - Waradon Sungnak (Department of Microbiology)