

**Systemic Pharmacology I**  
**SCPM 521, 2 Credits (2-0-4)**  
**Academic Year 2566 (2023)**

**Date:** 6 October 2023 – 8 November 2023      **Time:** Mon, Wed, Fri 09.00-12.00

**Room:** Pr.507 Department of Pharmacology

Autonomic nervous system, cardiovascular system, hematologic system, renal system, respiratory system

<b>Date</b>	<b>Topics</b>	<b>Instructor</b>
6 October (Friday)	L1: Structure and function of cell membrane and membrane potential	SY
	L2: Organization and function of autonomic nervous system (ANS)	BN
	L3: Drugs affecting cholinergic system I	BN
9 October	L4: Drugs affecting cholinergic system II	BN
	L5-6: Drugs affecting adrenergic system I-II	SY
11 October	L7-8: Organization and function of cardiovascular system I-II	PT
	L9: Vasodilators	SY
16 October	L10: Inotropic drugs	SY
	L11: Antiarrhythmic drugs	PT
	L12: Drugs for shock and resuscitation	PT
18 October	L13: Antihyperlipidemic drugs	NM
	L14: Pharmacotherapy of ischemic heart disease	PT
	<b>Formative evaluation I</b>	BN/SY/PT/NM
20 October	<b>Exam I</b>	
25 October	L15: Antiplatelets	PT
	L16: Anticoagulants and fibrinolytic drugs	PT
	L17: Drugs affecting hematopoiesis	NM
27 October	L18-19: Organization and function of renal system I-II	PM
30 October	L20-21: Pharmacotherapy of kidney disease and diuretics	PM
	L22: Pharmacotherapy of heart failure	SY
1 November	<b>Conference 1: Hypertension (2h)</b>	<b>SY/PM</b>
3 November	L23: Organization and function of respiratory system I	SY
	L24: Drugs for upper respiratory tract disorders	SY
	L25: Drugs for lower respiratory tract disorders	SY
6 November	<b>Conference 2: Pharmacology of COPD (2 h)</b>	<b>SY</b>
	<b>Formative evaluation II</b>	<b>PM/SY/PT</b>
8 November	<b>Exam II</b>	

**25 Lectures + 2 Conferences = 29 h**