

COURSE SCHEDULE

ร่างตารางสอน 'FIRST SEMESTER (2025)

3 เมษายน 2568

PHCO 710 (320710) Credit 7(5-0-6)

Principles and Techniques of Research In Pharmacology

Lecture: Mon 9.00-12.00, Wed 9.00-11.00

Lab: Mon 13.00-16.00, Wed 13.00-16.00

Jun	Mon	23	9.00-12.00	Extraction technique and standardization of herbal drugs	Sunee	
			13.00-16.00	LAB: Extraction technique and standardization of herbal drugs	Sunee	&staff
	Wed	25	9.00-11.00	Technique of High-performance liquid chromatography	Wutrigri	
			13.00-16.00	LAB: High-performance liquid chromatography	Wutrigri	&staff
	Mon	30	9.00-12.00	Safety and Biosafety	Wutrigri	
			13.00-16.00	LAB: Lab safety and Biosafety	Wutrigri	&staff
July	Wed	2	9.00-11.00	Principle of research techniques on molecular pharmacology (calculation)	Nitwara	
			13.00-16.00	LAB: Basic technique of molecular pharmacology (prepare substance, pH adjustment, Molarity, Normality)	Nitwara	&staff
	Mon	7	9.00-12.00	Cell culture and Cytotoxicity test	Saranyapin	
			13.00-16.00	LAB: Cell culture and Cell Cytotoxicity	Saranyapin	&staff
	Wed	9	9.00-11.00	DNA and RNA extraction and PCR	Nitwara	
			13.00-16.00	LAB: DNA and RNA extraction and PCR	Nitwara	&staff
	Mon	14	9.00-12.00	Protein extraction and measurement	Wutrigri	
			13.00-16.00	LAB: Protein extraction and measurement	Wutrigri	&staff
	Wed	16	9.00-11.00	Flow cytometry	Nitwara	
			13.00-16.00	LAB: Flow cytometry	Nitwara	&staff
	Mon	21	9.00-11.00	ELISA technique	Saranyapin	
			13.00-16.00	LAB: ELISA technique	Saranyapin	&staff
	Wed	23	9.00-11.00	Viropharmacology	Nitwara	
			13.00-16.00	LAB: Viropharmacology	Nitwara	&staff
	Mon	28		วันเฉลิมพระชนมพรรษา		

Wed	30	9.00-11.00	Principle of research in animal models and ethics of animal research	Seewaboon	
		13.00-16.00	LAB: Research ethics of animal research	Seewaboon	&staff
Aug Mon	4	9.00-12.00	Toxicity study in animal models	Seewaboon	
		13.00-16.00	LAB: Toxicity study in animal models	Seewaboon	&staff
Wed	6	9.00-11.00	Inflammatory animal models	Nathakarn	
		13.00-16.00	LAB: Inflammatory animal models	Nathakarn	&staff
Mon	11		หยุดชดเชยวันแม่		
Wed	13	9.00-11.00	Experiment on Gastrointestinal system	Nathakarn	
		13.00-16.00	LAB: Experiment on Gastrointestinal system	Nathakarn	&staff
			18-22/8/66 หยุดเตรียมสอบกลางภาค		
			25-29/8/66 สอบกลางภาค		
Sep Mon	1	9.00-12.00	Experiment on respiratory and cardiovascular system	Parirat	
		13.00-16.00	LAB: Experiment on respiratory and cardiovascular system	Parirat	&staff
Wed	3	9.00-11.00	Analgesic and antipyretic tests animal models	Parirat	
		13.00-16.00	LAB: Analgesic and antipyretic tests animal models	Parirat	&staff
Mon	8	9.00-12.00	Experiment on CNS	Ruedeemars	
		13.00-16.00	LAB: Experiment on CNS	Ruedeemars	&staff
Wed	10	9.00-11.00	Proteomics data analysis	Ruedeemars	
		13.00-16.00	LAB: Proteomics data analysis	Ruedeemars	&staff
Mon	15	9.00-12.00	Drosophila as a research model	Saranyapin/Salinee	
		13.00-16.00	LAB: Drosophila as a research model	Saranyapin/S	&staff
Wed	17	9.00-11.00	Good clinical practice and ethics in human research	Nut	
		13.00-16.00	LAB: Good clinical practice and ethics in human research	Nut	&staff
Mon	22	9.00-12.00	Rhinomanometry and Objective measurement of nasal function	Nutthiya	
		13.00-16.00	LAB: Rhinomanometry	Nutthiya	&staff
Wed	24	9.00-11.00	Design, conduct and analysis of pharmacology research	Supanimit	
		13.00-15.00	LAB: Design, conduct and analysis of pharmacology research	Supanimit	&staff
		15.00-16.00	LAB: Transforming Research into Innovation and Commercial Success	Supanimit	&staff
Mon	29	9.00-12.00	Clinical statistic 1	Supanimit	

			13.00-16.00	LAB: Clinical statistic 1	Nut	&staff
Oct	Wed	1	9.00-11.00	Clinical statistic 2	Supanimit	
			13.00-16.00	LAB: Clinical statistic 2	Nut	&staff
	Mon	6	9.00-12.00	Meta analysis	Nut	
			13.00-16.00	LAB: Meta analysis	Nut	&staff
	Wed	8	9.00-11.00	Writing research proposal	Ajaree	
			13.00-16.00	LAB: Writing research manuscript	Ajaree	&staff
	Mon	13		วันหยุดวันนวมินทรมหาราช		
	Wed	15	9.00-11.00	Research misconduct	Mingkwan	
			13.00-16.00	LAB: Research misconduct	Mingkwan	&staff
	Mon	20	9.00-12.00	Final examination (20 Oct- 3 Nov)	Staff	