

SCPM 501 Experimental Methods in Pharmacology

Academic Year 2025 (2568)

Date: 18 August – 27 October 2025

Time: 13:00-16:00

Monday

Room: Pr 507; Department of Pharmacology

Date	Topic	Instructor
Mon 18 Aug 2025	Orientation (15 min)	Sutharinee
	1: Good laboratory practice and basic instruments (L, D)	Ruedee
Mon 25 Aug 2025, Mon 1 Sep 2025	2: Molecular techniques Real-time quantitative reverse transcription polymerase chain reaction (RT-qPCR) (L, D) Western blot	Pimtip Pimtip/ Ruedee
Mon 8 Sep 2025	3: ELISA in pharmacology research (L, D)	Suvichada
Mon 15 Sep 2025	4: Basic histological techniques for animal research (L, D)	Ruedee
Mon 22 Sep 2025	5: Flow cytometry (L, D)	Pornthip
Mon 29 Sep 2025	6: Automated Flash Chromatography and Isothermal Titration Calorimetry (L, D)	Sitthivut
Mon 6 Oct 2025	7: Antioxidant assays in pharmacology research (L, D)	Sutharinee
Mon 20 Oct 2025	8: Omics technologies in pharmacology research (L, D)	Pimtip/ Natthinee
Mon 27 Oct 2025	9: Electron paramagnetic resonance (EPR) technique for research in pharmacology (L, D)	Noppawan