

SCPM 501 Experimental Methods in Pharmacology
Academic Year 2026 (2569)

Date: 17 August – 26 October 2026

Time: 13:00-16:00

Monday

Room: Pr 507; Department of Pharmacology

Date	Topic	Instructor
Mon 17 Aug 2026	Orientation (15 min) 1: Good laboratory practice and basic instruments (L, D)	Sutharinee Ruedee
Mon 24 Aug 2026	2: ELISA in pharmacology research (L, D)	Tanaporn
Mon 31 Aug 2026	3: Real-time quantitative reverse transcription polymerase chain reaction (RT-qPCR) (L, D)	Pimtip/ Ruedee/ Tanaporn/ Orada
Mon 7 Sep 2026	4: Western blot (L, D)	Pimtip/ Orada
Mon 14 Sep 2026	5: Basic histological techniques for animal research (L, D)	Ruedee/ Orada
Mon 21 Sep 2026	6: Flow cytometry (L, D)	Pornthip
Mon 28 Sep 2026	7: Automated Flash Chromatography and Isothermal Titration Calorimetry (L, D)	Sitthivut
TBA	8: Omics technologies in pharmacology research (L, D)	Pimtip/ Natthinee
Mon 19 Oct 2026	9: Electron paramagnetic resonance (EPR) technique for research in pharmacology (L, D)	Noppawan
Mon 26 Oct 2026	10: Antioxidant assays in pharmacology research (L, D)	Sutharinee