



SCPS 462: Trends in Translational Physiology Credit: 2 (1-2-3)

Academic Year 2026, Room Pr.408

Department of Physiology, Faculty of Science, Mahidol University

Date	Time	Topics	Instructors
Mon, Aug 17	13.00–13.30	Orientation	Benjamin
	13.30–15.00	Genetic Diseases and Gene Therapy	Kanit
Mon, Aug 24	13.00–15.00	Physiology-based Drug Discovery	Sunhapas
Mon, Aug 31	13.00–15.00	Animal Models for Advanced Translational Physiology	Nattapon
Mon, Sep 7	13.00–15.00	Precision Nutrition and Nutrigenomics	Kritmongkhon (DPU)
Mon, Sep 14	13.00–15.00	Organoids: The Mini-Organs in a Dish with Big Potential	Benjamin
Mon, Sep 21	13.00–15.00	Exerkines Revolution: Organ Crosstalk	Ratchakrit
Mon, Sep 28	13.00–15.00	Special Workshop: Computational Approaches Toward Drug Design and Screening	Kowit (Tsukuba U.)
Mon, Oct 12	13.00–15.00	Space Physiology and Space Medicine	Narattaphol
Wed, Oct 7	13.30–15.30	Special Workshop: Neuromarketing (NIDA)	Tai, Jongsawas (NIDA)
Nov 2–Nov 27		Laboratory Rotation	Staffs

Laboratory rotation

Lab	COCAB	BO/SS	AC/NB	KB/TC
NOV 2–6 (WK1)	Gr1	Gr2		
NOV 9–13 (WK2)	Gr2	Gr1		
NOV 16–20 (WK3)			Gr1	Gr2
NOV 23–27 (WK4)			Gr2	Gr1