

Advanced Research and Innovation in Pharmacology (SCPM617)

Date: Apr 8th – May 28th, 2021

Time: Mon - Wed - Fri. 9.00-12.00

Room: Pr 501, Department of Pharmacology, Faculty of Science

Course Co-ordinator : Darawan Pinthong, Ph.D.

Date	Topic	Lecturer
Thr 8 Apr	Course Orientation	DP
	Beyond THC and Endocannabinoids (S1)	DP
	Assignment: Advanced Research and Innovation in Pharmacology (Selected Topic)	DP
Mon 19 Apr	Therapeutic targets on renin-angiotensin system (RAS) : focusing on local RAS (S2)	SM (PR.507)
Wed 21 Apr	Adenosine receptor agonists: Therapeutic targets for treatment of cardiac fibrosis (S3)	SM
Fri 23 Apr	Covalent binding of reactive metabolites to cellular and macromolecules (S4)	PK
Mon 26 Apr	Novel approaches for glycemic control and treatment of type II Diabetes mellitus using antidiabetic bioactive compounds (S5)	SL
Wed 28 Apr	Targeting Tumor microenvironment for Cancer Treatment (S6)	PM
Fri 30 Apr	<i>Self-study</i>	
Mon 3 May	Exam I (S1-S6)	
Wed 5 May	Nucleic acid based therapy for thalassemia (S7)	SS*
Fri 7 May	Ferroptosis inducers and inhibitors as potential agents for oxidative stress related diseases (S8)	NM
Mon 10 May	Specific antidotes for direct oral anticoagulants (S9)	PT
Wed 12 May	Melatonin: sleep disorders and beyond (S10)	NJ
Fri 14 May	Biomolecular simulations in molecular biology and drug discovery (S11)	BN
Mon 17 May	Using virtual screening to identify coronavirus treatments (S12)	SY
Wed 19 May	Prospects for therapies in osteoarthritis (S13)	RH
Fri 21 May	Nanoparticles for Drug Delivery System (S14)	DK*
Mon 24 May	Exam II (S7-S14)	
Wed 26 May	<i>Visakhabucha</i>	
Fri 28 May	Assignment: Presentation and Evaluation (S15)	DP