

SCBM344-Cellular and Molecular Pathology 2(2-0-4)

Academic year 2018 Semester 2

Date: 18 January – 24 May 2019

Every Friday Time: 13.00-15.00

Course coordinator: Asst. Prof. Dr.Amorntat Naranuntarat Jensen

Tel: 02-201-5579 e-mail: amornrat.nar@mahidol.ac.th

Room : Pr118

Date	Time	Topic		Lecturer
Fri 18 Jan	13.00-15.00	Introduction to cellular and molecular pathology	L1	ANJ
Fri 1 Feb	13.00-15.00	Mechanisms of cell injury: Loss of calcium homeostasis	L2	ANJ
Fri 8 Feb	13.00-15.00	Mechanisms of cell injury: Oxidative stress	L3	PS
Fri 15 Feb	13.00-15.00	Mechanisms of cell injury: Mitochondrial damage	L4	PC
Fri 1 Mar	13.30-15.30	Mechanisms of cell injury: ATP depletion and hypoxia	L5	PC
Fri 8 Mar	13.30-15.30	Cellular and molecular pathology from chemical and physical injuries	L6	WJ
Fri 15 Mar	13.30-15.30	Q&A session	L7	Staff
Mon 25 Mar	9.00-12.00	Midterm Examination (L1-L6), Room : Pr118		
Fri 29 Mar (K136)	13.00-15.00	Cellular and molecular pathology of neurodegenerative disorders	L8	YN
Fri 5 Apr (K136)	9.00-11.00	Cellular and molecular pathology of fungal infection	L9	SN
Fri 5 Apr	13.00-15.00	Cellular and molecular pathology of Immunological disorders	L10	WP
Fri 19 Apr	13.00-15.00	Cellular and molecular pathology of bacterial infection	L11	YN
Fri 26 Apr	13.00-15.00	Cellular and molecular pathology of parasitic infection	L12	NK
Fri 3 May	13.00-15.00	Cellular and molecular pathology of viral infection	L13	PC
Fri 10 May	13.00-15.00	Cellular and molecular pathology of cancer	L14	PS
Fri 17 May	13.00-15.00	Q&A session	L15	Staff
Fri 24 May	13.00-16.00	Final Examination (L8-L14), Room : Pr118		
			30 hr	

Staff

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|---------------------------------------|--------------------------------|
| 1. ANJ = Amornrat Naranunthrat Jensen | 5. SN = Somphong Narkpinit |
| 2. NK = Niwat Kangwanrangsarn | 6. WJ = Wannee Jiraungkoorskul |
| 3. PC = Pornthip Chaichompoo | 7. WP = Witchuda Payuhakrit |
| 4. PS = Prasit Suwannalert | 8. YN = Yaowarin Nakornpakdee |