

SCBM340-Basic Cellular Pathology 2(2-0-4)

Academic year 2023 Semester 1

Date: 8 August – 19 September 2022

Every Monday Wednesday and Friday Time: 10.00-12.00

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

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Room : P401

Date	Time	Topic		Lecturer
Mon 8 Aug	10.00-12.00	Introduction (Syllabus, Objective & Examination)	L1	ANJ
		Introduction to cellular pathology		
Wed 10 Aug	10.00-12.00	Pigments and tissue deposits under pathologic conditions	L2	NK
Mon 15 Aug	10.00-12.00	Ischemic and hypoxic cell injury	L3	TS
Wed 17 Aug	10.00-12.00	Mechanisms of cell injury: Free radicals	L4	PS
Fri 19 Aug	10.00-12.00	Mechanisms of cell injury: Defect in membrane permeability	L5	NK
Mon 22 Aug	10.00-12.00	Mechanisms of cell injury: Loss of calcium homeostasis	L6	ANJ
Wed 24 Aug	9.00-12.00	Examination (L1-L5), Room: MDL3		
Fri 26 Aug	10.00-12.00	Mechanisms of cell injury: Mitochondrial damage and ATP depletion	L7	PC
Mon 29 Aug	10.00-12.00	Cellular Pathology from chemical and physical injuries	L8	NC
Wed 31 Aug	10.00-12.00	Cellular Pathology of immunological disorder	L9	WP
Fri 2 Sep	10.00-12.00	Cellular Pathology of cancer	L10	PS
Mon 5 Sep	10.00-12.00	Cellular mechanisms of aging	L11	WP
Wed 7 Sep	9.00-12.00	Examination (L6-L10), Room: MDL3		
Fri 9 Sep	10.00-12.00	Cellular Pathology of bacterial infection	L12	YN
Mon 12 Sep	10.00-12.00	Cellular Pathology of viral infection	L13	PC
Wed 14 Sep	10.00-12.00	Cellular Pathology of parasitic infection	L14	NK
	*13.00-15.00	Cellular Pathology of fungal infection	L15	NC
Mon 19 Sep	9.00-12.00	Examination (L11-L15), Room: MDL4		
			30 hr	

Staff

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|---------------------------------------|----------------------------------|
| 1. ANJ = Amornrat Naranunthrat Jensen | 5. WP = Witchuda Payuhakrit |
| 2. NK = Niwat Kangwanrangsang | 6. YN = Yaowarin Nakornpakdee |
| 3. PC = Pornthip Chaichompoo | 7. TS = Titipatima Sakulterdkiat |
| 4. PS = Prasit Suwannalert | 8. NC = Nisamane Charoenchon |

Scientist: Tasanee Inwisai