

SCPA 610-Cellular Pathology 2(2-0-4) 1st Semester 2018**Date: 14 August – 2 October 2018****Tue Thu Time 10:00-12:00 / 13:30-15:30****Course coordinator: Asst. Dr. Amornrat Jensen****Tel: 02-201-5579 E-mail: amornrat.nar@mahidol.ac.th**

Date	Time	Topic	Lecture & Discussion	Lecturer
Tue 14 Aug	10:00-12:00	Introduction (Syllabus, Objective & Examination)	ANJ	
		Introduction to cellular pathology	L1	ANJ
	13:30-15:30	Ischemic and hypoxic cell injury	L2	WJ
Thu 16 Aug	10:00-12:00	Pigments and tissue deposits under pathologic conditions	L3	NC
	13:30-15:30	Mechanisms of cell injury: Free radicals	L4	PS
Tue 21 Aug	10:00-12:00	Mechanisms of cell injury: Loss of calcium homeostasis	L5	ANJ
	13:30-15:30	Mechanisms of cell injury: Mitochondrial damage and ATP depletion	L6	PC
Thu 23 Aug	10:00-12:00	Mechanisms of cell injury: Defect in membrane permeability	L7	NK
	13:30-15:30	Cellular Pathology from chemical and physical injuries	L8	WJ
Thu 30 Aug	10:00-12:00	Cellular Pathology of cancer	L9	PS
	13:30-15:30	Cellular Pathology of immunological disorder	L10	WP
Tue 4 Sep	9:00-12:00	Exam L1-L7		
Tue 11 Sep	10:00-12:00	Cellular Pathology of parasitic infection	L11	NK
	13:30-15:30	Cellular Pathology of fungal infection	L12	SN
Thu 13 Sep	10:00-12:00	Cellular Pathology of viral infection	L13	PC
	13:30-15:30	Cellular Pathology of bacterial infection	L14	YN
Tue 18 Sep	10:00-12:00	Cellular mechanisms of aging	L15	WP
Tue 2 Oct	9:00-12:00	Exam L8-L15		

Staff

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| 1. ANJ = Amornrat Jensen | 6. SN = Somphong Narkpinit |
| 2. NC = Nisamanee Charoenchon | 7. WJ = Wannee Jiraungkoorskul |
| 3. NK = Niwat Kangwanrangsan | 8. WP = Witchuda Payuhakrit |
| 4. PC = Pornthip Chaichompoo | 9. YN = Yaowarin Nakornpakdee |
| 5. PS = Prasit Suwannalert | |

Scientist: Tassanee Inwisai