

## CELL SCIENCE 502 (2 Credits)

Aug 10-Sep 30, 2021

DATE	TIME		TOPIC	LECTURER
Tue 10 Aug	0830-0900		Orientation	Arthit
	0900-1000	L1	Cell structure and function	Laran
	1030-1200	L2	Membrane and its regulatory function: membrane potential and transport	Witchuda
Thu 12 Aug			National Holiday	
Tue 17 Aug	0900-1030	L3, L4	Membrane trafficking: transport of proteins and other biomolecules between cell compartments and cell exterior	Mikhail
Thu 19 Aug	0900-1030	L5, L6	Cell interaction and communication	Rutaiwan
	1100-1200	L7	Signaling in Plant Cells	Kittisak
Tue 24 Aug	0900-1000	<b>S1</b>	<b>Special lecture I:</b> Fight against COVID-19	Arunee
	1000-1200	C1	<b>Conference 1:</b> Src-Mediated Phosphorylation of Dynamin and Cortactin Regulates the "Constitutive" Endocytosis of Transferrin	
	1300-1600		Q&A (L1-7)	
<b>Thu 26 Aug</b>	<b>0900-1200</b>		<b>EXAMINATION I (L1-7)</b>	
Tue 31 Aug	0900-1000	L8	Cellular response to stress	Marisa
	1030-1130	L9	Cellular destruction pathways	Fabien
Thu 2 Sep	0900-1000	L10	Cell-microbe interaction	Waradon/Vimvara
	1000-1200	L11	Immune responses at cellular level	Waradon/Vimvara
Tue 7 Sep	0900-1000	L12	Immunological disorders	Waradon/Vimvara
	1030-1130	L13	Plant-microbe interaction	Wisuwat
Thu 9 Sep	0900-1000	<b>S2</b>	<b>Special lecture II:</b> The potential impact of microbiota on your health	Stitaya
	1000-1200	C2	<b>Conference 2:</b> The ART-Rsp5 ubiquitin ligase network comprises a plasma membrane quality control system that protects yeast cells	
	1300-1600		Q&A (L8-13)	
Tue 14 Sep	0900-1030	L14	Cellular memory and reprogramming	Patompon
	1100-1200	L15	Stem Cell and gene therapy	Kanit
<b>Thu 16 Sep</b>	<b>0900-1200</b>		<b>EXAMINATION II (L8-13)</b>	
Tue 21 Sep	0900-1000	L16	Neurodegenerative disorder	Krai
	1100-1200	<b>S3</b>	<b>Special lecture III:</b> mRNA Vaccine	Patompon
Thu 23 Sep	0900-1030	L17	Uncontrolled cell growth: Cancer	Tuangporn
	1030-1130	L18	Mechanism of angiogenesis	Thaned
Tue 28 Sep	0900-1000	<b>S4</b>	<b>Special lecture IV:</b> Extracellular vesicles: biogenesis and role in cancer	Arthit
	1000-1200	C3	<b>Conference 3:</b> Inhibition of proteasome deubiquitinating activity as a new cancer therapy	
	1300-1600		Q&A (L14-18)	
<b>Thu 30 Sep</b>	<b>0900-1200</b>		<b>EXAMINATION III (L14-18)</b>	