

Schedule for 2310524

STRUCTURES AND MOLECULAR PROPERTIES OF PROTEINS (2 credits)

Second semester (2021)

Online



Time: TU 15.00 - 17.00	Co-ordinator: Veerasak/Kittikhun
Online platforms	1. Microsoft team name: " , " CODE:
	2. CourseVille: 2310524
	3. Line group name: " " QR CODE:

Topic	Hrs.	Date	Learning method	Instructor
Overview of structures, functions and molecular properties of proteins	2	11 Januaray 2022	Live online class: Microsoft Teams	Rath
Chemical properties of polypeptides	2	18 Januaray 2022	Live online class: Microsoft Teams	Kittikhun
Evolutionary and genetic origins of protein sequences	2	25 Januaray 2022	Live online class: Microsoft Teams	Kittikhun
Biosynthesis of proteins	2	1 February 2022	Live online class: Microsoft Teams	Kittikhun
Degradation of proteins	2	8 February 2022	Live online class: Microsoft Teams	Veerasak
Physical interactions that determine the properties of proteins	2	15 February 2022	Live online class: Microsoft Teams	Veerasak
Conformational properties of polypeptide chains	2	22 February 2022	Live online class: Microsoft Teams	Kuakarun
Mid-term examination: สัปดาห์ 7 - 11 Mar 2022				
The folded conformations of globular proteins	2	15 March 2022	Live online class: Microsoft Teams	Kuakarun
	2	22 March 2022	Live online class: Microsoft Teams	Kuakarun
Proteins in solution and in membranes	2	29 March 2022	Live online class: Microsoft Teams	Kuakarun
	2	5 April 2022	Live online class: Microsoft Teams	Kuakarun
Interactions with other molecules	2	19 April 2022	Live online class: Microsoft Teams	Veerasak
	2	26 April 2022	Live online class: Microsoft Teams	Veerasak
Protein modeling, simulations and design	2	3 May 2022	Live online class: Microsoft Teams	Thanyada
	2	To be scheduled	Live online class: Microsoft Teams	Thanyada
Final examination: สัปดาห์ 9 - 24 May 2022				