


Schedule for 2310524

STRUCTURES AND MOLECULAR PROPERTIES OF PROTEINS (2 credits)

Second semester (2020)

Time: TU 15.00 - 17.00

Co-ordinator: Surasak (surasak.ch@chula.ac.th)

Online platforms	1. Microsoft team name: "2310524_2021," CODE: <b>5e3hp9l</b>
	2. CourseVile: 2310524
	3. Line group name: "2310524_2021" QR CODE: 

Topic	Hrs.	Date	Learning method	Instructor
Overview of structures, functions and molecular properties of proteins	2	19 Januaray 2021	Live online class: Microsoft Teams	Rath
Chemical properties of polypeptides	2	26 Januaray 2021	Live online class: Microsoft Teams	Kittikhun
Evolutionary and genetic origins of protein sequences	2	2 February 2021	Live online class: Microsoft Teams	Kittikhun
Biosynthesis of proteins	2	9 February 2021	Live online class: Microsoft Teams	Kittikhun
Degradation of proteins	2	16 February 2021	Live online class: Microsoft Teams	Vorrapon
Physical interactions that determine the properties of proteins	2	23 February 2021	Live online class: Microsoft Teams	Surasak
Conformational properties of polypeptide chains	2	2 March 2021	Live online class: Microsoft Teams	Kuakarun
<b>Mid-term examination: TBA</b>				
The folded conformations of globular proteins	2	16 March 2021	Live online class: Microsoft Teams	Kuakarun
	2	23 March 2021	Live online class: Microsoft Teams	Kuakarun
Proteins in solution and in membranes	2	30 March 2021	Live online class: Microsoft Teams	Kuakarun
	2	To be scheduled	Live online class: Microsoft Teams	Kuakarun
Interactions with other molecules	2	20 April 2021	Live online class: Microsoft Teams	Surasak
	2	To be scheduled	Live online class: Microsoft Teams	Surasak
Protein modeling, simulations and design	2	27 April 2021	Live online class: Microsoft Teams	Surasak
	2	To be scheduled	Live online class: Microsoft Teams	Surasak
<b>Final examination: TBA</b>				