

# Advanced Biochemistry-Graduate Spring 2023

Teaching Assistant: 星期二 6 / 7 / 8 堂

Week	Date	Topics	Instructor
1	2/14	Protein purification and quantitation	詹鴻霖老師
2	2/21	Mass spectrometry based protein identification	詹鴻霖老師
4	3/07	Mass spectrometry based protein identification	詹鴻霖老師
5	3/14	<b>Exam</b>	詹鴻霖老師
6	3/21	Introduction of biological phase separation	鄭惠春老師
7	3/28	Structure and function of biomolecular condensates I	鄭惠春老師
9	4/11	Structure and function of biomolecular condensates II	鄭惠春老師
10	4/18	<b>Exam</b>	鄭惠春老師
11	4/25	Carbohydrate metabolism	陳韋靜老師
12	5/02	Lipid metabolism	陳韋靜老師
13	5/09	Amino Acid metabolism	陳韋靜老師
14	5/16	<b>Exam</b>	陳韋靜老師
15	5/23	Mechanisms of stem cell fate decisions I	劉懿璇老師
16	5/30	Mechanisms of stem cell fate decisions II	劉懿璇老師
17	6/06	Biosensors and biosignaling	劉懿璇老師
18	6/13	<b>Exam</b>	劉懿璇老師

## References

廣義生化範疇

Biochemistry, Garrett and Grisham, 6th edition. Publisher: Thomson and Brooks/Cole (2015). ISBN 0-534-49033-6 進口代理商: 台北市偉明圖書公司. Tel: (02)2363-8586

重點生化領域範疇

指定論文: E-learning system, 由同學自行下載.