

Advanced Biochemistry-Graduate Spring 2020

Teaching Assistant: 星期二 6 / 7 / 8 堂

| Week | Date | Topics | Instructor |
|------|------|---|------------|
| 1 | 2/18 | Introduction | 詹鴻霖老師 |
| 2 | 2/25 | Protein purification and quantitation | 詹鴻霖老師 |
| 3 | 3/3 | Mass spectrometry based protein identification | 詹鴻霖老師 |
| 4 | 3/10 | Database analysis & MALDI-based Microbiota analysis | 詹鴻霖老師 |
| 5 | 3/17 | Midterm Exam | TA |
| 6 | 3/24 | Introduction of protein crystallography | 鄭惠春老師 |
| 7 | 3/31 | X-ray diffraction | 鄭惠春老師 |
| 8 | 4/7 | Phasing methods | 鄭惠春老師 |
| 9 | 4/14 | The application of protein crystallography | 鄭惠春老師 |
| 10 | 4/21 | Midterm Exam | TA |
| 11 | 4/28 | Membrane dynamics and regulation | 蘇士哲老師 |
| 12 | 5/5 | Lipid metabolomics | 蘇士哲老師 |
| 13 | 5/12 | Membrane proteins (I) | 蘇士哲老師 |
| 14 | 5/19 | Membrane proteins (II) | 蘇士哲老師 |
| 15 | 5/26 | Midterm Exam | TA |

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.