



3000763 Protein Biochemistry

วิชาเคมีของโปรตีน

Semester 1/2022

Time and venue: **Tuesday 10.00 -12.00 am**, at Room 218, 2nd Floor, Pattayapat building,

Week	Date	Topics	Instructor
1	16 Aug, 2022	Introduction. Primary structure of proteins Secondary, tertiary and quaternary structure of protein	Prof. Alain Jacquet
2	23 Aug, 2022	Physio-chemical characterization of proteins (CD, IR, Fluorescence)	Prof. Alain Jacquet
3	30 Aug, 2022	Post-translational protein modifications	Prof. Alain Jacquet
4	6 Sep, 2022	Protein folding	Prof. Alain Jacquet
5	13 Sep, 2022	Protein detection and quantification (SDS-PAGE, Immunodetection, proteinassays)	Prof. Alain Jacquet
6	20 Sep, 2022	Protein purification (chromatographicmethods) Protein purification (NON-chromatographic methods)	Prof. Alain Jacquet
7	27 Sep, 2022	Membrane proteins, Glycoproteins	Prof. Alain Jacquet
8	4 Oct, 2022	Proteomic analysis	Prof. Alain Jacquet
9	11 Oct, 2022	Protein engineering	Prof. Alain Jacquet
10	18 Oct, 2022	Immunoglobulins and other proteins of the immune system	Prof. Alain Jacquet
11	25 Oct, 2022	Enzymology	Prof. Alain Jacquet
12	1 Nov, 2022	Proteindetection and quantification (SDS-PAGE, Immunodetection, proteinassays)	Prof. Alain Jacquet
13	8 Nov, 2022	Protein purification (chromatographicmethods) Protein purification (NON-chromatographic methods)	Prof. Alain Jacquet
14	15 Nov, 2022	Membrane proteins, Glycoproteins	Prof. Alain Jacquet
15	22 Nov, 2022	Proteomic analysis	Prof. Alain Jacquet