



3000763 ชีวเคมีของโปรตีน

Protein Biochemistry

Semester 1/2017

Schedule :

Time and venue : Tuesday 10.00 – 12.00 at Room 218, 2nd Floor, Pattayapat building,
Faculty of Medicine

No.	Week/date	Topics	Instructors
1	15 August, 2017	Introduction. Primary structure of proteins Secondary, tertiary and quaternary structure of proteins	Prof. Alain Jacquet
2	22 August, 2017	Physio-chemical characterization of proteins (CD, IR, Fluorescence)	Prof. Alain Jacquet
3	29 August, 2017	Post-translational protein modifications	Prof. Alain Jacquet
4	5 September, 2017	Protein folding	Prof. Alain Jacquet
5	12 September, 2017	Protein detection and quantification (SDS-PAGE, Immunodetection, protein assays)	Prof. Alain Jacquet
6	19 September, 2017	Protein purification (chromatographic methods) Protein purification (NON-chromatographic methods)	Prof. Alain Jacquet
7	26 September, 2017	Membrane proteins, Glycoproteins	Prof. Alain Jacquet
8	3 October, 2017	Proteomic analysis	Prof. Alain Jacquet
9	10 October, 2017	Protein engineering	Prof. Alain Jacquet
10	17 October, 2017	Immunoglobulins and other proteins of the immune system	Prof. Alain Jacquet
11	24 October, 2017	Enzymology	Prof. Alain Jacquet
12	31 October, 2017	Protein detection and quantification (SDS-PAGE, Immunodetection, protein assays)	Prof. Alain Jacquet
13	7 November, 2017	Protein purification (chromatographic methods) Protein purification (NON-chromatographic methods)	Prof. Alain Jacquet
14	14 November, 2017	Membrane proteins, Glycoproteins	Prof. Alain Jacquet
15	21 November, 2017	Proteomic analysis	Prof. Alain Jacquet