

Schedule for 2310612

ADVANCED BIOCHEMISTRY AND MOLECULAR BIOSCIENCES (2 credits)

First semester (2020)

Time: WE 09.00-11.00 room 519

TH 10.00-12.00 room 519

Class end before midterm

Co-ordinator: Kittikhun

| Topic | Hrs. | Date | Instructor |
|---|------|----------------------|------------|
| Protein and enzyme | | | |
| 1. Structure and function relationships of proteins | 8 | 13, 19, 20, 26 Aug | Kuakarun |
| 2. Enzyme, enzyme kinetics (two-substrate system) and catalytic mechanisms | 8 | 27 Aug. 2, 3, 9 Sep. | Kittikhun |
| Examination I (นักศึกษาสอบเอง) | | | |
| Gene regulations in prokaryotes and eukaryotes | | | |
| 3. Gene regulation, gene expression and transcriptional regulation | 6 | 10, 16, 17 Sep | Teerapong |
| 4. Translation | 4 | 23, 24 Sep | Tanakarn |
| Methodology in molecular biology : Gene cloning and transformation, expression analysis, etc. | 4 | 30 Sep , 1 Oct | Tanakarn |
| Examination II: midterm exam จัดสอบโดยคณะ | | | |
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