

Schedule for 2310507
 MOLECULAR BIOLOGY OF GENE (3 credits)
 First semester (2020)

Time: WE 13.00 - 14.00 Room: 521 SCI10

FR 10.00 - 12.00 ไม่มีห้อง ควรพิจารณาย้ายวัน
 เวลาเรียน

Co-ordinator: Kunlaya

Topic	Hrs.	Date	Instructor
1. Genome structures and comparative genomics	6	14, 19, 21, 26 Aug	Anchalee
2. Mutability and repair of DNA	5	28 Aug, 2, 4 Sep	Anchalee
3. Regulation of gene expression in prokaryotes	3	9, 11 Sep	Vorraapon
4. Regulation of gene expression in eukaryotes	6	16, 18, 23, 25 Sep	Vorraapon
Mid-term examination:			
5. Cell cycle and programmed cell death	3	14, 16 Oct	Kunlaya
6. Abnormalities resulting from gene alterations	4	21, 28, 30 Oct	Kunlaya
7. Application of gene technology 7.1 Recombinant DNA technology 7.2 GMOs 7.3 Stem cells 7.4 Gene therapy 7.5 Recombinant vaccines	8	4, 6, 11, 13, 18, 20 Nov (1 h)	Manchumas
7.6 Functional genomics	6	20 Nov (1h) 25, 27 Nov (นัดเพิ่ม 2 h)	Kunlaya
Final examination:			