

Schedule for 2310507
 MOLECULAR BIOLOGY OF GENE (3 credits)
 First semester (2019)

Time: WE 13.00 - 14.00 Room: 521 SCI10

FR 10.00 - 12.00 Room: 503 SCI10

Co-ordinator: Kunlaya

Topic	Hrs.	Date	Instructor
1. Genome structures and comparative genomics	6	8/14, 8/16, 8/21, 8/23	Anchalee
2. Mutability and repair of DNA	4	8/28, 8/30, 9/4	Anchalee
3. Regulation of gene expression in prokaryotes	3	9/6, 9/11	Vorrapon
4. Regulation of gene expression in eukaryotes	6	9/13, 9/18, 9/20, 9/25	Vorrapon
Mid-term examination:			
5. Cell cycle and programmed cell death	3	10/16, 10/18	Kunlaya
6. Abnormalities resulting from gene alterations	5	10/25, 10/30, 11/1	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	7	11/6, 11/8 , 11/13, 11/15, 11/20	Manchumas
7.6 Functional genomics	6	11/22, 11/27, 11/29, นัดนอกตาราง 1 ชม	Kunlaya
Final examination:			