

Schedule for 2310507			
MOLECULAR BIOLOGY OF GENE (3 credits)			
First semester (2021)			
Time: WE 13.00 - 14.00 Room: 521-SC110		Co-ordinator: Kunlaya	
FR 10.00 - 12.00 Room: 503-SC110			
Microsoft teams: 2310507 class of 2021.Group			
MT code: fudvpt2			
Topic	Hrs.	Date	Instructor
1. Genome structures and comparative genomics	6	11, 13, 18, 20 Aug	Anchalee
2. Mutability and repair of DNA	5	25, 27 Aug, 1, 3 (10-11 am) Sep	Anchalee
3. Regulation of gene expression in prokaryotes	3	3 (11 a.m.-12 p.m.), 8, 10 (10-11 a.m.) Sep	Vorrapon
4. Regulation of gene expression in eukaryotes	3	10 (11 a.m. -12 p.m.), 15, 17 (10-11 a.m.) Sep	Vorrapon
5. Cell cycle and programmed cell death	2	17 (11 a.m.-12 p.m.), 22 Sep	Kunlaya
<b>Mid-term examination: สัปดาห์ 27 Sep - 1 Oct 2021 [29-Sep-2021, 08:30 - 11:30]</b>			
5. Cell cycle and programmed cell death	1	6-Oct	Kunlaya
6. Abnormalities resulting from gene alterations 6.1 Inborn errors of metabolism 6.2 Cancer: oncogenes and tumor suppressor genes	4	8, 15 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	20, 27, 29 Oct 3, 5, 10 Nov	Manchumas
7.6 Functional genomics	6	12, 17, 19, 24 Nov	Kunlaya
<b>Final examination: สัปดาห์ 29 Nov - 14 Dec 2021 [01-Dec-2021, 08:30 - 11:30]</b>			