

CELL BIOLOGY AND BIOCHEMISTRY (3 credits)

First semester (2025)

Time: ~~Mon 8.00-9.00~~, Tue 9.00-10.00 **11.00**, Fri 8.00-9.00

Co-ordinator: Kuakarun

Room: 521 SC110

Topic	Hrs.	Date	Instructor
1. From molecules to the first cell	2	5-Aug	Nuchanat
2. Cellular energy conversion	4	8, 15, 19 Aug (1 h)	Nuchanat
3. Intracellular compartments and protein Sorting	5	19 (1 h), 22, 26, 29 Aug	Kuakarun
4. The cytoskeleton and cell motility	4	2, 5, 9 Sep (1 h)	Kuakarun
5. Cell signaling	6	12, 16, 19 Sep (นัดเพิ่มนอกตาราง 2 ชม.)	Kunlaya
Mid-term examination: 22 - 26 Sep 2025; 23 Sep 2025 13:00 - 16:00 น.			
6. The immune system	4	30 Sep, 3, 7 Oct (1 h)	Kunlaya
7. Biochemical toxicology	4	7 (1 h), 10, 14 Oct	Supitcha
8. Principles of heredity	8	17, 21, 24, 28, 31 Oct, 4 Nov (1 h)	Teerapong
9. Cellular mechanisms of development	6	4 (1 h), 7, 11, 14, 18, 21 Nov	Veerasak
Final-term examination: 24 Nov - 8 Dec 2025; 24 Nov 2025 08:30 - 10:30 น.			