

Teaching materials: lectures

Topic	Teaching material (Cooper: The cell, 8th edition)
1.	4-17; 45-62
2.	53-55 (DNA); 117-128; 205-212
3.	232-241; Presentation at the lecture
4.	53-55 (RNA); 122-128; 253-265
5.	355-375; 626-629
6.	315-330
7.	71-75 (to Transport across cell membranes); 501-513; 544-559
8.	425-449; 90(bottom of the page) - 101 (top of the page)
9.	453-494
10.	603-632
11.	565-599 (fundamentals according presentation)
12.	Cooper: (113-117- top of the page); Presentation at the lecture
13.	Campbell: Chapter 14 (319-324, 329-330, 334-337 without sickle-cell disease) Chapter 15 (344-350); Presentation at the lecture
14.	129-133 (top of the page); 144-152
15.	Presentation at the lecture
16.	Campbell: Chapter 15 (356-359); Presentation at the lecture
17.	Presentation at the lecture

Literature:

1. Cooper GM, Hausman RE. The Cell, a Molecular Approach. **8th ed.** Sunderland (Massachussets): Sinauer Associates; 2019.
2. Campbell NA, Urry LA, Cain ML, Wasserman SA, Minorsky PV, Orr RB. Biology, A global approach, Pearson, London; 2021.
3. Prenatal diagnosis – copy material
4. Sickle – cell disease and eye color – copy material
5. Presentation at the lectures and seminars will be given after lectures.