



POZNAN UNIVERSITY OF MEDICAL SCIENCES

**DEPARTMENT OF CELL BIOLOGY**

60-806 Poznan  
Rokietnicka 5D  
69

phone.: +48 61 854 71 70  
fax: +48 61 854 71

**Introduction to Medical Biology September 2018**

1	<b>Exercise 1. Biological Macromolecules and Lipids.</b> Unit 1: chapter 5. <i>Bartek Budny, Małgorzata Chmielewska</i>
2	<b>Exercise 2. Eucaryotic cell structure and function.</b> Unit 2: chapter 7; chapter 8. <i>Anna Jankowska</i>
3	<b>Exercise 3. Protists and Fungi.</b> Unit 5: chapter 28; chapter 31. <i>Paweł Pięta</i>
4	<b>Exercise 4. The cell cycle. Apoptosis and Necrosis. Diseases linked to changes in cell cycle.</b> Unit 2: chapter 12. <i>Maria Wołuń-Cholewa</i>
5	<b>Exercise 5. Chromosomal and Molecular Basis of Inheritance.</b> Unit 3: chapter 15; chapter 16, chapter 20. <i>Aleksandra Śliwa</i>
6	<b>Exercise 6. Bacteria.</b> Unit 2: chapter 7; unit 5: chapter 27. <i>Anna Jankowska</i>
7	<b>Exercise 7. Viruses.</b> Unit 5: chapter 26. <i>Paweł Pięta</i>
8	<b>Exercise 8. Mitosis and Meiosis.</b> Unit 2: chapter 12; unit 3: chapter 13. <i>Maria Wołuń-Cholewa</i>
9	<b>Exercise 9. From Gene to Protein – replication, transcription, translation.</b> Unit 3: chapter 17, chapter 18. <i>Aleksandra Żbikowska</i>
10	<b>Exercise 10. Tissues and body membranes I: connective tissue, epithelial tissue.</b> Unit 7: chapter 40. <i>Aleksandra Śliwa</i>
11	<b>Exercise 11. Tissues and body membranes II: nervous tissue, muscle tissue.</b> Unit 7: chapter 40, chapter 48; chapter 49, chapter 50. <i>Małgorzata Chmielewska</i>
12	<b>Exercise 12. Reproductive and Embryogenesis.</b> Unit 7: chapter 45, chapter 46. <i>Aleksandra Żbikowska</i>
13	<b>Exercise 13. Digestive and Urinary/Excretory Systems.</b> Unit 7: chapter 42; chapter 44. <i>Piotr Białas</i>
14	<b>Exercise 14. Circulatory and Lymphatic Systems.</b> Unit 7: Chapter 43. <i>Piotr Białas</i>
15	<b>Exercise 15. Immunological system.</b> Unit 7: chapter 47. <i>Aleksandra Śliwa</i>
16	<b>Exercise 16. Endocrine Systems.</b> Unit 7: chapter 41. <i>Bartek Budny</i>
17	<b>Exercise 17. Senses and Integumentary System.</b> Unit 7: chapter 50. <i>Małgorzata Chmielewska</i>
18	<b>Exercise 18. Respiratory System.</b> Unit 7: chapter 43. <i>Bartek Budny</i>
19	<b>Exercise 19. Molecular diagnosis. Biotechnology in medicine. Stem cell and regenerative medicine.</b> Unit 3: chapter 19. <i>Aleksandra Żbikowska, Małgorzata Chmielewska</i>
20	<b>Exercise 20.</b> Final test.



POZNAN UNIVERSITY OF MEDICAL SCIENCES

**DEPARTMENT OF CELL BIOLOGY**

60-806 Poznan  
Rokietnicka 5D  
69

phone.: +48 61 854 71 70  
fax: +48 61 854 71

---