

## **Topics and organization of tutorials in pathophysiology for the 2<sup>nd</sup> year of medicine (summer semester of the academic year 2024/2025)**

1. Cardiovascular disorders in COVID-19.
2. Changes in the electrocardiogram record. Disorders of stimulus and conduction of the heart.
3. Ischemic heart disease and acute coronary syndromes.
4. Pathophysiology of the respiratory system.
5. Disturbances of acid-base balance.
6. Pathophysiology of kidney diseases.
7. Disorders of calcium and phosphate metabolism.
8. Pathophysiology of diabetes mellitus.
9. Pathomechanism of pituitary and thyroid diseases.
10. Pathomechanism of adrenal gland diseases. Overactive and underactive of sex glands.
11. Liver pathology. Digestive system pathology.
12. Pathophysiology of anemia.
13. Pathophysiology of the proliferative states of the white blood cell system.
14. Pathophysiology of blood hypercoagulability.
15. Pathophysiology of congenital and acquired bleeding disorders.

Tutorials are carried out in the Department of Pathophysiology  
**(University Hospital No. 1, Building E, 2<sup>nd</sup> floor, 9 Curie-Skłodowska Street):**

Group 1B – Monday, 13:00-15:15

Group 1A – Monday, 15:30-17:45

Group 2A – Wednesday, 10:15-12:30

Group 2B – Wednesday, 12:45-15:00

Group 3A – Thursday, 07:30-09:45