

Lectures schedule, Medicine 2nd year, academic year 2023/2024

Human physiology with the elements of clinical physiology

Place: Aula 1.4 (aula A), A Building, Rondo Jagiellonów

Lp.	Wednesday 17:15-18:4 5	Topic	Teacher
1	21.02.	Electrical activity of the heart	dr Złomańczuk
2	28.02.	Mechanism of myocardial contraction. The contraction force regulation	dr Złomańczuk
3	06.03.	The heart contractility regulation. The impact of autonomic nervous system on contraction force	dr Złomańczuk
4	13.03.	Heart rate and blood pressure regulation. The importance of RAA axis in cardiovascular system.	dr Monika Zawadka- Kunikowska
5	20.03.	The basic of respiratory system	dr Wieńczysława Adamczyk
6	27.03.	Mechanics of respiration	dr Wieńczysława Adamczyk
7	10.04.	Regulation of respiratory function.	prof. dr hab. Wojciech Kaźmierczak
8	17.04.	Glomerular filtration and intrarenal regulation mechanisms: glomerulotubular balance, myogenic autoregulation, metabolic regulation, tubuloglomerular feedback	dr Katarzyna Dmitruk
9	24.04.	Tubular transport mechanisms. Diuretics impact on renal tubule.	dr Katarzyna Dmitruk
10	08.05.	Water-electrolyte balance.	dr Katarzyna Dmitruk
11	15.05.	Regulation of gastrointestinal function.	dr Adamczyk
12	22.05.	Physiology of the liver, the role of bile.	dr Adamczyk
13	29.05.	Cardiorespiratory interaction	dr Piotr Złomańczuk

14	05.06.	The impact of long-term starvation, eating too much and eating an unbalanced diet on the human body. Metabolism	prof. dr hab. Wojciech Każmierczak
15	12.06.	Acid-base balance.	dr Wieńczysława Adamczyk