

## **Physiology lectures - GENERAL MEDICINE**

Autumn semester 2015/2016

Monday: **11:00 - 12:40** Campus, A 11, room 234  
Wednesday: **11:10 - 12:00** Campus, A 11, room 234

21. 9.	2	Structural and functional organisation of the body. Metabolism. Water and solutes. Cellular contacts and signalling.	N
23. 9.	1	Cell membranes. Nervous and muscular activity. Water and solutes. Cellular contacts and signalling.	N
30. 9.	1	Internal environment (homeostasis)	N
5.10.	2	Physiology of blood. Blood clotting. Blood types (groups). Plasma proteins.	Ba
7.10.	1	Physiology of the heart. Conduction system.	Š
12. 10.	2	Cardiac electrophysiology. Electromechanical coupling.	Š
14. 10.	1	Electrocardiography. Arrhythmias.	N
19. 10.	2	Cardiac mechanics. Heart cycle.	N
21.10.	1	Immune system I.	E
26. 10.	2	Immune system II.	E
2. 11.	2	Rheology of the blood.	P
4. 11.	1	Microcirculation.	P
9. 11.	2	Regulation of blood circulation, blood pressure.	Z
11. 11.	1	Variability of circulatory parameters.	Z
16. 11.	2	Regulation of blood flow.	Be
18. 11.	1	Circulatory failure.	Z
23. 11.	2	Regional circulation (cerebral, splanchnic, renal, fetal). Circulatory reactions.	Be
25. 11.	1	Regional circulation (pulmonary, skin, muscle).	Be
30.11. - 11.12.		anatomy - autopsy practice	
14. 12.	2	Coronary circulation. Coronary heart disease. Arterial hypertension.	Be
16. 12.	1	Heart failure.	N
21. 12.	2	Examination of cardiovascular system, cardiol. examination techniques.	Z
23. 12.	1	Topic reserved	
1/4/2016	2	Topic reserved	
6.1.2016	1	Topic reserved	

Lecturers: Ba - doc. Babula, Be - doc. Bébarová, E - dr. Závodná, N - prof. Nováková Marie,  
P - doc. Pásek, Š - doc. Šimurdová, Z - dr. Nováková Zuzana

doc. PharmDr. Petr Babula, Ph.D.  
Head of the Department of Physiology

