

Physiology lectures - GENERAL MEDICINE

Autumn semester 2014/2015

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

15. 9.	2 Structural and functional organisation of the body. Metabolism. Water and solutes. Cellular contacts and signalling.	N
17. 9.	1 Cell membranes. Nervous and muscular activity. Water and solutes. Cellular contacts and signalling.	N
22. 9.	2 Physiology of blood. Blood clotting.	N
24. 9.	1 Blood types (groups). Plasma proteins.	N
29. 9.	2 Physiology of the heart. Conduction system.	Š
1. 10.	1 Cardiac electrophysiology. Electromechanical coupling.	Š
6. 10.	2 Electrocardiography. Arrhythmias.	N
8. 10.	1 Cardiac mechanics. Heart cycle.	N
13.10.	2 Rheology of the blood.	P
15. 10.	1 Microcirculation.	P
20. 10.	2 Heart failure. Internal environment (homeostasis) I.	N
22. 10.	1 Internal environment (homeostasis) II.	N
27. 10.	2 Regional circulation (pulmonary, cerebral).	B
29. 10.	1 Regional circulation (splanchnic, skin, muscle, renal, fetal).	B
3. 11.	2 Regulation of blood circulation, blood pressure.	J
5. 11.	1 Variability of circulatory parameters.	J
10. 11.	2 Immune system I.	E
12. 11.	1 Immune system II.	E
19. 11.	1 Coronary circulation. Coronary heart disease.	B
24. 11.	2 Circulatory reactions. Regulation of blood flow.	B
26. 11.	1 Arterial hypertension.	B
15. 12.	2 Examination of cardiovascular system, cardiol. examination techniques.	Z
17. 12.	1 Circulatory failure.	Z

Lecturers: J - doc. Michal Javorka
B - 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

