

Physiology lectures - DENTISTRY

Spring semester 2014/2015

Monday **12:30 - 14:10** Campus, building A 20
Department of Physiology, seminary room 207

Date	Topic	Lecturer
16.2.	Respiratory functions. Pulmonary mechanics. Gas transport.	Š
23.2.	Regulation of respiration. Respiration under various physiological conditions.	W
2.3.	General principles of endocrine functions. Hypothalamus. Adenohypophysis. Thyroid gland.	Ba
9.3.	Male and female reproduction. Pregnancy and lactation.	N
16.3.	Regulation of calcium metabolism. Endocrine pancreas. Adrenal gland. Stress.	Ba
23.3.	Functional morphology of the kidney. Clearance. Counter-current system. Regulation of kidney functions.	Be
30.3.	Metabolism of sacharides, lipids and proteins. Vitamins, minerals, water in nutrition.	W
13.4.	GIT – mechanical and secretory functions.	N
20.4.	Regulation of gastrointestinal functions. Nutrition, starvation, obesity.	N
27.4.	Thermoregulation. Physiology of exercise. Energy metabolism.	N
4.5.	Skeletal, smooth and heart muscle.	Š
11.5.	Kidney in regulation of homeostasis. Glandula pinealis, circadian rhythms. Physiology of adaptation.	Be Z
18.5.	Physiology of childhood and adolescence, aging.	Z
25.5.	Topic reserved	

Lecturers: Ba - doc. Babula, Be - doc. Bébarová, N - prof. Nováková Marie
Š - doc. Šimurdová, W - doc. Wilhelm, Z - dr. Nováková Zuzana

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