

Physiology lectures - DENTISTRY

Spring semester 2013/2014

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

Date	Topic	Lecturer
17.2.	Respiratory functions. Pulmonary mechanics. Gas transport.	Š
24.2.	Regulation of respiration. Respiration under various physiological conditions.	W
3.3.	Functional morphology of the kidney. Clearance. Counter-current system. Regulation of kidney functions.	H
10.3.	Metabolism of sacharides, lipids and proteins. Vitamins, minerals, water in nutrition.	W
17.3.	GIT – mechanical and secretory functions.	N
24.3.	Regulation of gastrointestinal functions. Nutrition, starvation, obesity.	N
31.3.	General principles of endocrine functions. Hypothalamus. Adenohypophysis. Thyroid gland.	H
7.4.	Regulation of calcium metabolism. Endocrine pancreas. Adrenal gland. Stress.	H
14.4.	Male and female reproduction. Pregnancy and lactation.	N
28.4.	Thermoregulation. Physiology of exercise. Energy metabolism.	N
5.5.	Skeletal, smooth and heart muscle.	Š
12.5.	Kidney in regulation of homeostasis. Glandula pinealis, circadian rhythms. Physiology of adaptation.	H
19.5.	Physiology of childhood and adolescence, aging.	Z
26.5.	Topic reserved	

Lecturers: H - prof. Honzíková, N - prof. Nováková Marie, Š - doc. Šimurdová,
W - doc. Wilhelm, Z - dr. Nováková Zuzana

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