

Tutorial I: *spring semester 2014/2015*

Group No. 30	2/23/2015	Z	15:00 - 17:30	Campus, Department of Physiology, room 207
Group No. 33	2/24/2015	N	16:15 - 18:45	Campus, Department of Physiology, room 207
Group No. 31	2/25/2015	N	13:00 - 15:30	Campus, Department of Physiology, room 207
Group No. 34	2.3.2015	N	15:00 - 17:30	Campus, Department of Physiology, room 207
Group No. 36	3.3.2015	N	16:15 - 18:45	Campus, Department of Physiology, library
Group No. 32	4.3.2015	N	13:00 - 15:30	Campus, Department of Physiology, room 207
Group No. 35	3/11/2015	Z	13:00 - 15:30	Campus, Department of Physiology, room 207
Group No. 37	3/12/2015	Z	16:00 - 18:30	Campus, Department of Physiology, room 207

The tutorial takes place **in the Department of Physiology, building A 20, Campus, Kamenice 5, Brno-Bohunice**

The tutorials will be held by dr. Nováková Zuzana, Ph.D. (N) and dr. Závodná Eva, Ph.D.(Z).

RESPIRATORY SYSTEM

1. Ventilation of the lungs

- mechanics of respiration, dead space, volumes, pressures, apnoea, hyperpnoea, hypopnoea

2. Gas transport

- O₂, CO₂, ischaemia

3. Tissue respiration

- respiratory quotient, hypoxia

4. Regulation of ventilation and pulmonary circulation

5. Assessment of respiratory functions

- spirometry, blood gases

All students are obliged to read the theory prior to the tutorial (Barrett: Ganong´s Review of Medical Physiology, Section VII-chapters 35,36,37).

The tutorials are obligatory, the presence is the condition for obtaining the credit.

All students are allowed **to substitute only one tutorial** during one semester - those who will have more than one absence will not obtain the credit from tutorials.

Attendance at all tutorials is a condition for obtaining the credit.

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

