

Tutorial IV: *autumn semester 2013/2014*

Group No. 35	11/25/2013	13:30 - 16:00	Campus, Dept.of Physiology, library
Group No. 36	11/27/2013	16:15 - 18:45	Campus, Dept.of Physiology, room 207
Group No. 30	11/26/2013	16:15 - 18:45	Campus, Dept.of Physiology, library
Group No. 32	11/27/2013	13:00 - 15:30	Campus, Dept.of Physiology, room 207
2. - 13.12.2013	autopsy practice - anatomy		
Group No. 31	11/28/2013	14:50 - 17:20	Campus, Dept.of Physiology, room 207
Group No. 34	11/28/2013	10:30 - 13:00	Campus, Dept.of Physiology, room 207
Group No. 33	11/29/2013	13:30 - 16:00	Campus, Dept.of Physiology, room 207
Group No. 37	11/29/2013	10:30 - 13:00	Campus, Dept.of Physiology, room 207

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

The tutorial will be held by dr. Eva Závodná, Ph.D.

Program:

Immune mechanisms

White blood cells count and origin of white cells
Organs of the immune system - structure and function
Major histocompatibility complex (MHC - HLA)
Barriers and their importance for immunology (e.g. Skin, respiratory system, GIT etc.)
Classical complement pathway
Alternative complement pathway
Immunoglobulins (structure, classes, function)
Cytokines (function and overview)
T-cell (cell populations, activation, function)
B-cell (cell populations, activation, function)
NK-cells
Granulocytes
Monocytes and macrophages + phagocytosis
Antigen presenting cells (cells and life cycle)
Vaccination

All students are obliged to read the theory prior to the tutorial. They select one student, who will open each topic for discussion.

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.

prof. MUDr. Nataša Honzíková, CSc.
Head of the Department of Physiology