

Department of Anatomy, Histology and Embryology
2nd Neuroanatomy Midterm for Second Year EM Students
1st and 2nd retake

Academic year 2018/2019 Fall Semester

<http://semmelweis.hu/anatomia/en/>

Dates:

1st retake: December 4th (Tuesday), 6.15 p.m.

2nd retake: December 11th (Tuesday), 6.15 p.m.

Place: Histology labs

Topics:

- Microscopy of the CNS and PNS (types of neurons, receptors, synapses, neurotransmitters)
- Microscopy of the spinal cord (nuclei, laminae, pathways, dorsal root ganglion)
- Reflex arcs of the spinal cord
- Passing tracts of the internal capsule
- Microscopy of the brain stem (cross sections-schematic drawings; nuclei: location, types, fibers; pathways)
- Diencephalon (thalamic and hypothalamic nuclei, their connections)
- Motor, sensory pathways and basal ganglia; their cerebellar and thalamic connections
- Reticular formation
- Autonomic nervous system
- Histology of the cerebral and cerebellar cortexes (schematic drawings, efferentation, afferentation, Brodmann's areas)
- Cranial Nerves: nuclei, types of fibers, ganglia, branches, their pathways, innervated structures

Further information:

The second midterm is obligatory. Without a valid (i.e. passing) grade (at least 50%) gained in this midterm the semester is not accepted. The midterm test is electronic therefore, everybody should get access to the Semmelweis University E-learning website via SeKa. Upon finishing the test, students will immediately be able to see their results and they can also have a look at their correct and/or wrong answers. There will be no separate possibility to view the tests.

Sándor Katz M.D.,PhD.
Assistant Professor
Tutor of the English Medical Course