

Department of Anatomy, Histology and Embryology

2nd Neuronatomy Midterm for Second Year EM Students

Academic year 2018/2019 Fall Semester

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

Dates:

November 13th (Tuesday) 9.50-10.25 for EM13 and EM14 groups
10.30-11.05 for EM 15 and EM16 groups

November 14th (Wednesday) 11.30-12.05 for EM2, EM6, and EM10 groups
12.10-12.45 for EM4, EM8 and EM12 groups

November 15th (Thursday) 15.00-15.35 for EM1, EM5, and EM9 groups
15.40-16.15 for EM3, EM7 and EM11 group

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. Two retake midterms will be held at end of the semester. 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.

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