

Neurobiology lecture

Syllabus:

1.

- Neuroscience -from molecules to the brain (P. Boguszewskii) October 13, 2021
- Cells of the Nervous System: Neurons and glia (P. Boguszewski) October 20, 2021
- Electrical Signals of Nerve Cells II (P. Boguszewski) October 27, 2021
- Electrical Signals of Nerve Cells II (P. Boguszewski) November 03, 2021
- Neurotransmitters and Their Receptors (P. Boguszewski) November 10, 2021
- The blood – brain barrier (K. Nałęcz) November 17, 2021
- Synaptic Transmission (M. Skup), November 24, 2021
- Evolution and non-vertebrate nervous systems (K. Turlejski), December 01, 2021
- Anatomy of mammalian central nervous system (M. Malinowska) December 08, 2021
- The development of nervous system and stem cells (K. Bartkowska) December 15, 2021
- Chemical senses: olfactory and taste systems (R. Djavadian) January 12, 2022
- Somatic sensory system (TBA) January 19, 2022
- Pain and pain control (TBA) January 26, 2022
- Eye and visual system (E. Kublik) February 02, 2022

Exam February 09, 2022

Break February 16 – 23, 2022

2.

- Auditory system (K. Burnat) March 02, 2022
- Spinal control of movement and locomotion (U. Sławińska) March 09, 2022
- Control of voluntary movements (TBA) March 16, 2022
- The integrative role of hypothalamus (TBA) March 23, 2022
- Emotions and Motivation (E. Knapska) March 30, 2022
- Speech and Language (E. Szeląg) April 06, 2022
- Learning and memory from system perspective (TBA) April 13, 2022
- Spatial Memory and Navigation (R. Czajkowski) April 20, 2022
- Molecular Mechanisms of Learning and Memory (K. Radwańska) April 27, 2022
- Brain rhythms, sleep, dreaming (R. Czajkowski) May 11, 2022
- Association cortex, Attention and Consciousness (K. Jurewicz) May 18, 2022
- Mental Illness: Anxiety, Affective Disorders, Schizophrenia (A. Barczak) May 25, 2022
- Aging and age related pathology (TBA) June 01, 2022
- Molecular basis of neurodegenerative disorders (U. Wojda) June 06, 2022
- Addiction and drug abuse (K. Radwańska) June 22, 2022

Exam June 29, 2022