

University of Szeged, Faculty of Medicine
Department of Anatomy, Histology and Embryology

Chairman: Prof. Antal Nógrádi MD, PhD, DSc

Kossuth L. sgt. 40; H-6724 Szeged, Hungary
P.O. Box 427; H-6701 Szeged, Hungary

Telephone: +36-(62)-545-665
Fax: +36-(62)-545-707

E-mail: office.anatomy@med.u-szeged.hu
<http://anatomy.szote.u-szeged.hu/Anatomy>

Topics for scientific students' research (TDK) and thesis work in the 2018-2019. academic year:

1. Reinnervation of spinal ganglia following dorsal root injury.

Consultants:

Prof. Antal Nógrádi M.D., Ph.D., D.Sc.

Dénes Török Ph.D. Student

2. Investigation and modulation of the K-Cl co-transporter (KCC2) expression after avulsion injury of spinal motoneurons.

Consultants:

Prof. Antal Nógrádi M.D., Ph.D., D.Sc.

Krisztián Pajer M.Sc., Ph.D., Assistant Professor

3. Regeneration after injury of the peripheral nervous system in PRMT8 -/- motoneuron disease model.

Consultants:

Prof. Antal Nógrádi M.D., Ph.D., D.Sc.

Krisztián Pajer M.Sc., Ph.D., Assistant Professor

4. Changes in the temporal pattern in the granule cell activity in the zones of cerebellar hemispheres using an animal model of epilepsy.

Consultants:

Prof. András Mihály M.D., Ph.D., D.Sc.

Beáta Krisztin-Péva M.Sc., Teaching Assistant

5. Anatomical and radiologic examination of the preparations of the Albert Gellért Anatomical Collection.

Consultant:

Erika Bálint M.D., Ph.D., Assistant Professor

6. Neurochemical changes in animal models of the temporal lobe epilepsy.

Consultant:

Endre Dobó M.Sc., Ph.D., Assistant Professor

Apróné Dr. Ibolya Török M.Sc., Chemist

7. Investigation of immunological and inflammatory processes in neurodegenerative models.

Consultants:

Prof. László Siklós M.Sc., Ph.D., D.Sc. (Institute of Biophysics, Biological Research Centre)

Krisztián Pajer M.Sc., Ph.D., Assistant Professor

8. Investigation of ultrastructural and microanalytical changes during motoneuron lesions.

Consultants:

Prof. László Siklós M.Sc., Ph.D., D.Sc. (Institute of Biophysics, Biological Research Centre)

Krisztián Pajer M.Sc., Ph.D., Assistant Professor

Application by the institutional TDK coordinator:

Gergely Molnár (molnar.gergely@med.u-szeged.hu)

Szeged, 20th September 2018

Prof. Antal Nógrádi M.D., Ph.D., D.Sc.
Chairman

Gergely Molnár M.Sc., Ph.D
Assistant Professor
TDK coordinator