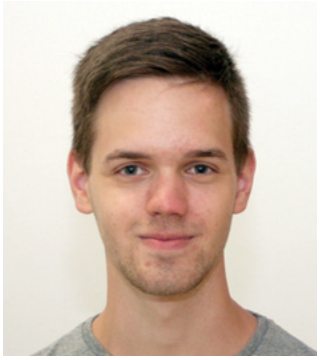
BERNÁT NÓGRÁDI



Szeged Scientists Academy, 3rd year

University of Szeged,
Faculty of Medicine, 3rd year

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YEAR OF BIRTH:

1997

FORMER SZENT-GYÖRGYI PUPIL:

no

SZENT-GYÖRGYI MENTOR:

Dr. László Siklós

JUNIOR MENTOR:

Dr. Roland Patai

SPECIALIZATION:

neuroscience

SECONDARY SCHOOL:

Deák Ferenc Secondary School, Szeged

NAME OF TEACHER:

Jennifer Tusz

LANGUAGES:

German/intermediate
English/advanced
Chinese/basic

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

Our research group studies the etiology and the complex pathomechanisms of neuronal degeneration and other malicious events which can lead to neuronal death. Amongst degenerative diseases that take place in the central nervous system we focus on amyotrophic lateral sclerosis, one of the most common pathological conditions that can be characterized by the progressive loss of motor neurons. Our aim is to reveal and understand the complex pathological mechanisms from the level of the nervous circuits to the level of a single motor neuron as well as to find possible therapeutic approaches.

AMBITIONS AND CAREER GOALS

As for my scientific approach, I share my mentors' point of view that a scientist must sit down to a microscope and stand next to a patient with the same determination and enthusiasm, because in both cases the most important is to give hope to the people who suffer from the disease.

HONORS AND PRIZES

- 2017 – University of Szeged, Talent prize
- 2017 – University of Szeged, Faculty of Medicine, Annual Student Research Conference, 2nd prize

PUBLICATIONS

Obál, I., **Nógrádi, B.**, Meszlényi, V., Patai, R., Siklós, L., Kovács, G.G., Engelhardt, J.I.: Chronic intraperitoneal administration of serum from patients with amyotrophic lateral sclerosis causes weakness and loss of spinal motor neurons in mice. In preparation

Meszlényi, V., Patai, R., **Nógrádi, B.**, Engelhardt, J.I., Siklós, L. (2017) Commentary: Calcium in the pathomechanism of amyotrophic lateral sclerosis – taking center stage? **J Neurol Neuromed**

Patai, R., **Nógrádi, B.,** Meszlényi, V., Obál, I., Engelhardt, J.I., Siklós, L. (2017) Az amiotrófiás laterálszklerózis patofiziológiai tényezőinek központi kapcsolóeleme, a kalcium. **Ideggy Szle**

Patai, R., **Nógrádi, B.**, Obál, I., Engelhardt, J.I., Siklós, L. (2016) Calcium in the pathomechanism of amyotrophic lateral sclerosis – taking center stage? **Biochem Biophys Res Comm**