

ZSOMBOR ESKÜDT



National Academy of Scientist Education, 4th year

University of Szeged,
Albert Szent-Györgyi Medical School, 4th year

YEAR OF BIRTH

2003

FORMER SZENT-GYÖRGYI PUPIL

yes

RESEARCH UNIT

HUN-REN Biological
Research Centre

SZENT-GYÖRGYI MENTOR

Áron Szabó

JUNIOR MENTOR

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SPECIALIZATION

drosophila genetics,
glial degradation

SECONDARY SCHOOL

Táncsics Mihály High
School, Kaposvár

NAME OF TEACHER

Beatrix Kertészné Bagi

LANGUAGES

English/intermediate
German/intermediate

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

One of greatest medical challenge today is the effective cure of people suffering from a neurodegenerative disease. For most of these diseases there is no therapy yet. In order to develop therapies it is important to understand which enzymes play a role in autophagic processes after nerve injury. These enzymes are evolutionary conserved, so this processes can be excellently examined in fruit flies (*Drosophila melanogaster*). In our model animal we can see which factors are important in STAT mediated autophagy. Our long time goal is the understanding of glial activation and to have a better view on the early transcriptional response after injury.

AMBITIONS AND CAREER GOALS

As a medical student my goal is to do research that can be well translated into human medicine. I hope that the experience gathered in the lab will make me able to work as a researcher even after graduation. Currently my most important goal is to make the best and most comprehensive article possible, out of my research topic.

HONORS AND PRIZES

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PUBLICATIONS

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