

GÁBOR MOHÁCSI



National Academy of Scientist Education, 6th year

University of Szeged,
Albert Szent-Györgyi Medical School, 5th year

YEAR OF BIRTH

2000

FORMER SZENT-GYÖRGYI PUPIL

yes

RESEARCH UNIT

University of Szeged

SZENT-GYÖRGYI MENTOR

András Varró

JUNIOR MENTOR

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SPECIALIZATION

neurophysiology

SECONDARY SCHOOL

Lutheran Grammar School
Aszód

NAME OF TEACHER

Bernadett Könczöl
Rita Csörgei

LANGUAGES

English/intermediate

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

Our aim is to understand of the mechanisms underlying cortical information processing. The two distinct type of processes are excitation and inhibition. The efferent and afferent connections of inhibitory neurons are precise and diverse. We conduct experiments in order to determine the physiological significance of the distinct cells. We are recording from identified interneurons in completely anaesthetized freely behaving rodents. The neurogliaform cells play an important role in neuronal inhibition.

AMBITIONS AND CAREER GOALS

After obtaining my degree I would like to earn a PhD, as well. As a researcher I hope that I can find answers to some important questions. My dream is to develop new methods, which can be applied in clinical environments.

HONORS AND PRIZES

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PUBLICATIONS

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