

MÁRTON ATTILA KOVÁCS



National Scientists Academy, 3rd year

University of Szeged,
Albert Szent-Györgyi Medical School, 3rd year

YEAR OF BIRTH:

2001

FORMER SZENT-GYÖRGYI PUPIL:

no

SZENT-GYÖRGYI MENTOR:

Zsigmond Tamás Kincses

SPECIALIZATION:

diagnostic imaging,
functional MRI

SECONDARY SCHOOL:

Andrássy Gyula Grammar
School, Békéscsaba

NAME OF TEACHER:

Klára Stefanik

LANGUAGES:

English/advanced

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

I have been interested in medicine since high school, and have always been keen on the workings of the human body, especially the human brain. Parallel with my university studies, the Szent-Györgyi Program provided an opportunity to participate in research on this topic. By joining the interdisciplinary work of the Neuroimaging Research Group, I have the opportunity to learn about the use of imaging methods in various neurological conditions. The main profile of the lab is using magnetic resonance imaging (MRI) as a biomarker to track the course of disease and to identify underlying pathological processes, employing modern image analysis and statistical methodology. In our current project, we use functional magnetic resonance imaging (fMRI) to characterize hemispheric lateralization via network-based analysis techniques.

AMBITIONS AND CAREER GOALS

During my university studies, I would like to acquire as wide a range of medicine and multidisciplinary knowledge as possible by engaging in as many international scientific projects as possible, where I can acquire practical skills. After finishing my studies, I would like to apply my knowledge both in research and clinical work.

HONORS AND PRIZES

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PUBLICATIONS

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