

MIKLÓS LOVAS



National Academy of Scientist Education, 2nd year

University of Debrecen,
Faculty of Pharmacy, 2nd year

YEAR OF BIRTH:

2002

FORMER SZENT-GYÖRGYI PUPIL:

no

SZENT-GYÖRGYI MENTOR:

Anikó Borbás

JUNIOR MENTOR:

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SPECIALIZATION:

pharmaceutical chemistry

SECONDARY SCHOOL:

Tóth Árpád High School

NAME OF TEACHER:

Veronika Novák

LANGUAGES:

English/advanced
Spanish/intermediate

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

Hydrogen sulfide is widely regarded as a toxic, foul-smelling chemical, but studies have identified it as the third gasotransmitter molecule. It has been found that it plays roles in various physiological processes, and has cardioprotective, pro-apoptotic and anti-inflammatory properties. In my research project I aim to synthesize compounds that can release hydrogen-sulfide upon enzymatic hydrolysis, and study the cardioprotective properties of these compounds in ischemic rat hearts.

AMBITIONS AND CAREER GOALS

After graduating, I intend to take part in PhD education, participate in research, and also get to know different areas of pharmacy. I would like to do all this at least partly abroad, building international relations that help me grow professionally, and help building my career.

HONORS AND PRIZES

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PUBLICATIONS

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