

MIKLÓS LOVAS



National Academy of Scientist Education, 5th year

University of Debrecen,
Faculty of Pharmacy, 5th year

YEAR OF BIRTH

2002

FORMER SZENT-GYÖRGYI PUPIL

yes

RESEARCH UNIT

University of Debrecen

SZENT-GYÖRGYI MENTOR

Anikó Borbás

JUNIOR MENTOR

Miklós Bege

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

Ascorbic acid is a small-molecule, water-soluble antioxidant with various important biochemical roles. Its simple chemical nature makes it an optimal candidate for chemical modifications. Our goal is the coupling of ascorbic acid with other pharmacophores to create interesting hybrid compounds with possible synergy between the two moieties.

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

Tánczos, B., Vass, V., Szabó, E., **Lovas, M.**, Kattoub, Ghanem., Rasha., Bereczki, I., Borbás, A., Herczegh, P., Tósaki, Á. (2024) Effects of H₂S-donor ascorbic acid derivative and ischemia/reperfusion-induced injury in isolated rat hearts. **Eur J Pharm Sci.** 6: 195:106721.

Debreczeni, N., Hotzi, J., Bege, M., **Lovas, M.**, Mező, E., Bereczki, I., Herczegh, P., Kiss, L., Borbás, A. (2023) N-fluor-alkilezett morfolinok – a nukleozidanalógok új osztálya. **Chem.** 202203248.

Bege, M., **Lovas, M.**, Priksz, D. (2025) Synthesis, H₂S releasing properties, antiviral and antioxidant activities and acute cardiac effects of nucleoside 5'-dithioacetates. **Sci Rep** 15: 2876.