

## DÁNIEL NEMESKÉRI



National Academy of Scientist Education, 1<sup>st</sup> year

Semmelweis University  
Faculty of Medicine, 1<sup>st</sup> year

### YEAR OF BIRTH

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2004

### FORMER SZENT-GYÖRGYI PUPIL

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no

### RESEARCH UNIT

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Semmelweis University

### SZENT-GYÖRGYI MENTOR

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Tamás Hegedűs

### JUNIOR MENTOR

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### SPECIALIZATION

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Biophysics

### SECONDARY SCHOOL

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ELTE, Apáczai Csere Janos  
High School

### NAME OF TEACHER

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Péter Sebő

### LANGUAGES

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English/C1

### IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

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The aim of this research is to investigate the domain organization of single-pass transmembrane proteins using in silico methods, with particular emphasis on disordered signaling regions. The expected outcome is to reveal new insights into the role of these regions in signal transduction mechanisms, contributing to a deeper understanding of protein function.

### AMBITIONS AND CAREER GOALS

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During my research work, I strive to achieve scientific results that improve people's lives. My goal is to contribute through my work to the well-being of my environment and the wider community.

### HONORS AND PRIZES

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- 2022 International Chemistry Olympiad (IChO) – Silver Medal
- 2023 International Chemistry Olympiad (IChO) – Silver Medal
- 2023 Szilárd Leó Physics Competition – 2<sup>nd</sup> place

### PUBLICATIONS

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