

# BENCE KORMOS



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

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

## YEAR OF BIRTH

2004

## FORMER SZENT-GYÖRGYI PUPIL

yes

## SZENT-GYÖRGYI MENTOR

Zoltán Jakus

## JUNIOR MENTOR

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## SPECIALIZATION

vascular biology,  
immunology

## SECONDARY SCHOOL

Ágoston Trefort  
Practising High School of  
Eotvos Lorand University

## NAME OF TEACHER

Norbert Faragó,  
Julianna Erős-Honti,  
Gábor Gedeon

## LANGUAGES

English/B2

## IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

This might be the golden age of lymphatic physiology and immunology, both branches of science are still relatively new, and understudied. I have always been interested in this field and I see enormous potential in this kind of research, while feeling a great affinity for discovering new things. We could gain insight into the pathomechanism of many different diseases and achieve results of clinical significance through scientific research in these areas. Not only is it astonishingly interesting, but the lives of millions may depend on TODAY's science and research. Our research group examines the growth of lymphatic vessels, the molecular mechanisms that control the processes, and the physiological and pathophysiological role of the functioning of lymphatic vessels. In addition to these, we are conducting experiments with mRNA-LNP vaccines, as well as drug development against atherosclerosis, and much more. I strive to fulfill my potential in these areas, and I'm hoping to issue publications that exceed all expectations and contribute to a better future.

## AMBITIONS AND CAREER GOALS

My goals include getting expertise in lymphatic physiology and immunology, developing new experiments, implementing my ideas, producing results, and issuing publications that would be milestones in my work or that of other researchers working in the field. The National Academy of Scientist Education program, my labmates, and my mentor provide the framework and support for achieving this dream, which I am really grateful for.

## HONORS AND PRIZES

2023 OKTV biology II. category 25<sup>th</sup> place  
VI. Semmelweis Egészségverseny (csapat) 5<sup>th</sup> place  
VII. Semmelweis Egészségverseny (csapat) 2<sup>nd</sup> place

## PUBLICATIONS

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