

# Eszenyi Bálint Dénes

## Personal Profile Statement

I was born in Pécs where I also finished bilingual grammar school. I also spent some time in England which aided me greatly in my ability to speak and understand English. I continued my studies at Szeged and currently I'm working towards my doctorate degree in biology. I'm also working in laboratory for almost five years now. The aim of my research is to understand the mechanisms that drive bacteriophage resistance in clinically relevant bacterial strains. I'm also participating in the development of bacteriophage cocktails in hope of using them as a therapeutic agents against multidrug-resistant bacteria.

## Achievements

Third position at the Scientific Students' Associations in 2020.  
Title: Investigating the host specificity of bacteriophages  
Participation at the National Scientific Students' Associations Conference in 2021

I took part in the 2022 Viruses of microbes (VoM) conference in Portugal where I also presented a poster with my colleague  
I will be co-author of an article published in our laboratory which is currently under review (title: Expanding the host-range of functional metagenomics reveals resistance threats to novel antibiotics)  
C1 Advanced language exam in English

## Education

Bachelor's degree (2018-2021): University of Szeged, Faculty of Science and Informatics  
Title of my thesis: Altering the host specificity of bacteriophage transducing particles using synthetic biological tools  
Master's degree (2021-Present): University of Szeged, Faculty of Science and Informatics

## Employment

I'm working in the Biological Research Centre, Szeged (BRC Szeged) since 2018. During my BSc and MSc studies I was working in the laboratory of Dr. Kintses Bálint. At the start of my doctorate, I began working under the guidance of Dr. Csörgő Bálint.



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