

ANDRÁS ZSOMBOR GRESCHIK



National Academy of Scientist Education, 3rd year

University of Szeged
Szent-Györgyi Albert Medical School, 3rd year

YEAR OF BIRTH

2002

FORMER SZENT-GYÖRGYI PUPIL

no

RESEARCH UNIT

University of Szeged

SZENT-GYÖRGYI MENTOR

Márta Julianna Sárközy

JUNIOR MENTOR

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SPECIALIZATION

oncocardiology

SECONDARY SCHOOL

Piarista High School

NAME OF TEACHER

István F. Takács,
László Gelencsér,
Éva Chikán

LANGUAGES

English/intermediate

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

The significance of my research lies in investigating the cardiotoxicity and heart failure that increasingly pose a problem as side effects during oncological treatments, as well as seeking ways to prevent these symptoms. Our goal is to understand the nature of these pathological changes and compare them with the pathological changes observed in rats treated with a therapeutic substance (PIF) using onco-cardiography, histological, and molecular methods.

The expected outcome of the project is to observe a significant improvement in the cardiac abnormalities of the treated rats compared to the untreated ones (we cannot precisely estimate the exact value changes since we have not previously attempted this particular model with female animals).

AMBITIONS AND CAREER GOALS

My goal is to gain a deep understanding of the scientific problems encountered in my current project and in my future research, and to combine them with the knowledge I have acquired during my studies. Additionally, I aim to master the technical skills required for conducting research to the best of my abilities.

HONORS AND PRIZES

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PUBLICATIONS

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