

BÁLINT KISJÓS



National Academy of Scientist Education, 3rd year

University of Pécs
Faculty of Medicine, 3rd year

YEAR OF BIRTH

2003

FORMER SZENT-GYÖRGYI PUPIL

no

RESEARCH UNIT

University of Pécs

SZENT-GYÖRGYI MENTOR

Krisztián Kvell

JUNIOR MENTOR

Kitti Garai

SPECIALIZATION

oncology,
molecular biology

SECONDARY SCHOOL

Dr. Mező Ferenc High
School

NAME OF TEACHER

József Kispál

LANGUAGES

English/advanced

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

Regular physical activity is known to play an important role in preventing and controlling the progression of cancer and improving the effectiveness of oncotherapy. Recent research has shown that several microRNA levels are altered by exercise. These microRNAs are involved in the regulation of several biological processes responsible for the development of cancer. The aim of our work is to verify this and to map this process using multiple molecular and cellular methods.

Our research group has previously managed to detect several microRNAs that can play a role in the development of lung cancer. By studying the biological functions of the identified microRNAs in vitro, we will be able to better understand the regulatory network of molecular mechanisms by which regular exercise can prevent lung cancer.

AMBITIONS AND CAREER GOALS

As a medical student, I have a lot of studying ahead of me, but along the way, I would like to take all the opportunities I can, to help me become a better doctor. In my opinion, medical research is the most important in today's world, and I want to help it any way I can. A balanced lifestyle is the key to success and health, because of this, after studying or doing research work, I spend time with my friends and do sports regularly.

HONORS AND PRIZES

2023 University of Pécs, Student's Research Conference, 2nd place

PUBLICATIONS

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