

# BÁLINT KISJÓS



National Academy of Scientist Education, 2<sup>nd</sup> year

University of Pécs  
Faculty of Medicine, 2<sup>nd</sup> 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, 2<sup>nd</sup> place

## PUBLICATIONS

–