

## LILI KOTMAYER



National Academy of Scientist Education, 6<sup>th</sup> year

Semmelweis University  
Faculty of Medicine, 6<sup>th</sup> year

### YEAR OF BIRTH:

1998

### FORMER SZENT-GYÖRGYI PUPIL:

no

### SZENT-GYÖRGYI MENTOR:

Csaba Bödör

### JUNIOR MENTOR:

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### SPECIALIZATION:

molecular oncohematology

### SECONDARY SCHOOL:

Eötvös Lóránd University,  
János Apáczai Csere  
Practical High School and  
College

### NAME OF TEACHER:

Judit Bakonyi

### LANGUAGES:

English/intermediate

### IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

As a member of the HCEMM-SE Molecular Oncohematology Research Group at the Department of Pathology and Experimental Cancer Research, Semmelweis University, my research aims to understand the molecular mechanisms underlying drug resistance in CLL and to identify the hereditary genetic variants in familial myeloid diseases. In doing so, my aim is to enable clinicians to make molecularly guided decisions and to use more targeted therapeutic options in the day-to-day care of patients based on the genetic background of oncohaematological diseases.

### AMBITIONS AND CAREER GOALS

Apart from obtaining a PhD in medical sciences, my main aim within the framework of the MD-PhD program is to provide clinicians with valuable information about the genetic background of oncohaematological diseases that directly influences and drives therapeutic decisions. I believe that it is a great honour and a life-changing experience for a medical student to be involved in patient care during her undergraduate years.

### HONORS AND PRIZES

2022 - Stephen W. Kuffler Research Foundation, Stephen W. Kuffler PhD Research Grant  
2022 – European Hematology Association, Travel Grant for the EHA 2022 Hybrid Congress  
2021 – National Council of Student Research Societies, Pro Scientia Gold Medal  
2021 – Hungarian Healthcare Management Association, Medical Student of the Year  
2021 – Dr. Genersich Antal Foundation, Genersich Antal Prize  
2021 – National Council of Student Research Societies 35. National TDK Conference, 1<sup>st</sup> place  
2021 – European Working Groups of Myelodysplastic Syndromes (EWOG-MDS), Travel Grant for the EWOG 9<sup>th</sup> International Symposium on MDS and SAA in Childhood  
2020 - Kerpel-Fronius Ödön Talent Program, Kerpel Talent Prize

### PUBLICATIONS

**Kotmayer, L.,** Romero-Moya, D., Marin-Bejar, O., Kozyra, E., Català, A., Bigas, A., Wlodarski, M.W., Bödör, Cs., Giorgetti, A., (2022) GATA2 Deficiency and MDS/AML: Experimental Strategies for Disease Modelling and Future Therapeutic Prospects. **British Journal of Haematology**: <https://doi.org/10.1111/bjh.18330>

**Kotmayer, L.,** Bödör, Cs. (2021) Az új generációs szekvenálás szerepe a klinikai onkológiában. **Klinikai Onkológia** 8: 103-114.