

# ZSUZSANNA HAJNALKA PROKAINÉ HAJNAL



**Dobó István High School in Eger**

**Address: 19 Széchenyi Street, H-3300 Eger, Hungary**

## TEACHING CAREER IN BRIEF

I graduated from the Eszterházy Károly Teacher Training College in Eger in 1994 as a biology-chemistry teacher. Afterwards, I obtained my university degree in chemistry from the University of Veszprém and my master's degree in biology from the University of Debrecen. In 2007, I took a specialist exam in the fields of examination management and quality assurance. In 2011, I became a practice-leading mentor teacher.

I first started teaching at my former school, the Táncsics Mihály High School in Mór, then I moved to Eger and have been teaching at Egri Dobó István High School since 1997.

My goal has always been to arouse my students' interest in chemistry and natural sciences, giving a prominent role in learning experiments. I was one of the founders of the Natural Sciences Talent Development Workshop, which has been operating in our school since 2008. I was a member of the MTA-ELTE Research-Based Chemistry Teaching Research Group, and during our work we examined the development/improvement possibilities of research-based chemistry teaching and systems thinking in practice. As a teacher of the Chemistry Mobile Laboratory, I visit smaller schools in Heves and Borsod counties. I was a member of the group revising the National Core Curriculum for Chemistry, and I proofread the content of current chemistry textbooks and workbooks. My work has been recognized on several occasions, the most significant for me being the Richter Aranyanyu Award in 2017, and then the Hungarian Chemistry Education Award in 2025.

In addition to chemistry, I have been a Szent-Györgyi teacher in the field of biology for several years, and I also perform the tasks of the regional leader of the Curie Environmental Competition. As a master teacher, I participate in teacher certification and supervision procedures. I conduct secondary and advanced level exams and mentor university students. It is a special pleasure for me that among my former students there are also graduated chemistry teachers. I am deeply committed to talent development, and every year I successfully prepare numerous students for competitions.

## PUBLICATIONS

Complete review of OH-KEM910TB/I-II. textbooks and the new OH-KEM910MAB/I-II. workbooks, OH-KEM78TA/I-II. revised textbooks – professional content review of the new NAT-compatible curriculum content.

## SUCCESSFUL STUDENTS

### PhD Dr. Kristóf Póta

Research Chemist Revolution Medicines  
San Francisco

University of Debrecen Chemistry 2016  
MSC

Texas Christian University Fort Worth Texas  
2022 PhD

- 2008. Curie Chemistry Memorial Competition 4<sup>th</sup> place
- 2008. Irinyi János Chemistry Competition 10<sup>th</sup> place
- 2009. Irinyi János Chemistry Competition 15<sup>th</sup> place

### Eszter Váradi

Strategic Project Manager, Robert Bosch  
Ltd. Budapest

BME Chemical Engineering MSc

- 2012. Grand Prize XII. National Conference of Scientific Student Circles Chemistry-Biochemistry Section

### Blanka Novak

university student EKKE

2025. University of Cincinnati James L.  
Winkle College of Pharmacy

- J2018. 27. Youth Scientific and Innovation Talent Search Competition 1<sup>st</sup> place
- 2018. Special prize in the European final of the "30<sup>th</sup> EU Contest for Young Scientists" in Dublin

### Hanna Aradi

medical student in Dresden

- 2023. Dénes Gábor Secondary School Scholarship (See, don't just look) 1<sup>st</sup> place, special prize