# DR. ZSOLT KRAKOMPERGER



**Kossuth Lajos Teacher Practice High School and Elementary School of the University of Debrecen**

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## TEACHING CAREER IN BRIEF

I began my teaching career at the Kossuth Lajos Teacher Training High School of the University of Debrecen, where I have been teaching biology ever since. Alongside my doctoral studies and research work, it soon became clear to me that my calling is to inspire a love of the natural sciences and to support talented young people.

Talent development is at the heart of my work. In our specialized classes, I help organize and coordinate the year-long science project from the very beginning, during which our students become familiar with the methodology of scientific research while still in high school. The students I mentor regularly perform well in national and international competitions, and many of them go on to pursue careers in medicine, veterinary medicine, or research.

As a lead teacher, an important part of my role is mentoring student teachers, and I strive to involve them in talent development during their practicum. I believe that educators can maintain their credibility through continuous learning, which is why I am open to new methods and technologies. I have explored the educational applications of digital modeling, micro:bit microcontrollers, 3D printing, and, in recent years, artificial intelligence—all of which can make teaching biology more engaging and effective.

As an advanced-level high school graduation exam examiner and a teacher who prepares students for academic competitions, my goal is for my students to perform successfully on the graduation exam and in various academic competitions, and to find their place in higher education and the scientific community. I also contribute to our school's talent development efforts as the program coordinator for the Certified Talent Development Workshop.

Throughout my career, I have received numerous professional accolades (ProProgressio díj, Példaképem a tanárom díj, Klebelsberg Kunó díj, Kreatív, tudományos és műszaki tehetségek neveléséért és támogatásáért díj), which I consider an honor; however, the greatest reward for me comes from my students' successes. What motivates me day after day is creating an inspiring environment where curiosity, independent thinking, and a commitment to science can develop naturally.

## PUBLICATIONS

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## SUCCESSFUL STUDENTS

**Áron Pankucsi-Versényi**
University student (University of Debrecen)
- International BrainBee international finals (2025) – 7. place
- OKTV biology (2026) – 17. place
- TUDOK (2026) – 1. place

**Anna Bereczki**
Bioengineer (BME)
- ICYS 2017 – II. price (silver medal)
- TEDxLibertyBridgeWomen lecture (2024)
- Top 25 Women From VC and Startup Ecosystem in Hungary (Vestbee) (2022)
- SMAPPLAB co-funder

**Karolina Dóra Horváth**
University student (University of Debrecen)
- International BrainBee national finals (2023) – 4. place
- TUDOK (2024) – 4. place