

GYÖRGY KALYDI



SZC Baksa Kálmán Bilingual School, Győr

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TEACHING CAREER IN BRIEF

I graduated in 1992 from Kossuth Lajos University in Debrecen with a degree in Mathematics and Chemistry. I began my teaching career in Győr at Krúdy Gyula Secondary School and Catering Vocational School, and since 2020 I have been teaching Mathematics and Chemistry at the Baksa Kálmán Bilingual Secondary School.

Although chemistry is a fascinating, engaging, and intellectually rich subject, it is often less popular among students, and only a few truly understand it. For this reason, I believe it is essential to go beyond the prescribed curriculum by incorporating visually engaging experiments as well as short, thought-provoking presentations on the history of science and chemistry. This interest led me to explore the history of chemistry in greater depth. By the early 2000s, I was able to publish these materials in book form. My first work, *Chapters from the History of Chemistry*, was published in 2001, followed by *Portraits from the History of Hungarian Science* in 2005. The latter presents the lives and achievements of 17 Hungarian scientists in an accessible and engaging style. In recent years, I have also published articles on Hungarian chemists and pharmacists in journals such as *Secondary School Chemistry Journal* and *Pharmaceutical Review*.

In 2008, Sarolta Igaz, then Editor-in-Chief of *Secondary School Chemistry Journal*, invited me to edit an independent column. This led to the creation of the “Find the Chemistry” section, in which I published quotations from Hungarian and world literature that contained some form of chemical reference, accompanied by related questions. Each year, approximately 40–45 students participated in this four-round competition. I was involved in this initiative for eight years; the column still exists today under the leadership of Kristóf Keglevich.

In December 2017, the Müller Ferenc Society was founded in Szekszárd under the leadership of István Nagy, and I am a founding member. As stated in its founding charter: “We consider it our duty to draw the attention of the younger generation to the simplicity, perfection, beauty, and infinite combinations of chemical elements—through the example of tellurium, the only element discovered in Hungary—which together form what we call matter and life.”

PUBLICATIONS

Gyógyszerészet, 2021/10. “Alajos Mannó and Medicopharmaceutical Chemistry.”

Gyógyszerészet, 2020/12. “The Chief Pharmacist of the Responsible Hungarian Government of 1848 – Pharmacist Dániel Wagner, Born 220 Years Ago and Deceased 130 Years Ago.”

Gyógyszerészet, 2020/7. “János Molnár and Water Analysis – 135 Years Since the Death of the Pharmacist of Saint Roch Hospital.”

Gyógyszerészet, 2019/9. “He Started as a Pharmacist and Became an Electrical Engineer – 110 Years Since the Death of István Schenek, the Innovator of the Lead-Acid Battery.”
Gyógyszerészet, 2019/3. “Justus János Torkos and the Pozsony Taxa – 320 Years Since the Birth of the Compiler of the First Hungarian-Language Pharmaceutical Price Regulation.”

SUCCESSFUL STUDENTS

Renáta Gémesi

- pharmacy student at the University of Pécs
- 2nd place in the final of the Szent-Györgyi Study Competition (2021).
 - 7th place in the final of the György Oláh National Secondary School Chemistry Competition (2022).

Lili Németh

- veterinary medicine student
- 5th place in the final of the György Oláh National Secondary School Chemistry Competition (2023)

Fédra Fábrián-Nagy

- medical student at Semmelweis University
- 10th place in the final of the György Oláh National Secondary School Chemistry Competition (2024).

Maja Éhn

- medical student at Semmelweis University
- Special Prize in the final of the Ferenc Müller International Chemistry Memorial Competition (2024).

Noémi Smuck

- dentistry student at the University of Pécs
- Special Prize in the final of the Ferenc Müller International Chemistry Memorial Competition (2024).