

Curriculum Vitae



Personal information

Surname(s) / First name(s)	Szabó Gabriella Stefánia
Address(es)	11 Arany Janos Str., 400028 Cluj-Napoca, ROMANIA
E-mail	Gabriella.szabo@ubbcluj.ro
ORCID	0000-0002-7083-9106
Researcher ID	B-5587-2015
Scopus Author ID	8143223700

Academic training and positions

Dates	2026
Title of qualification awarded	Habilitation in Chemistry
Name and type of organisation providing education and training	«Babeş-Bolyai» University Cluj-Napoca
Dates	1990 – 2002
Title of qualification awarded	PhD in Chemistry
Name and type of organisation providing education and training	«Babeş-Bolyai» University Cluj-Napoca
Dates	1981 - 1985
Title of qualification awarded	Diploma in Chemistry
Name and type of organisation providing education and training	Faculty of Chemistry, «Babeş-Bolyai» University Cluj-Napoca

Work experience Teaching/research/industry

Dates	2024-
Occupation or position held	<i>Associate Professor</i>
Main activities and responsibilities	Courses: Electrochemistry, Thermodynamics, Chemical Kinetics, Colloid Chemistry, Advanced Physical-chemistry, Corrosion Science, Advanced Colloid Chemistry Research activities
Dates	2004-2024
Occupation or position held	<i>Lecturer</i>
Main activities and responsibilities	Courses: Electrochemistry, Thermodynamics, Chemical Kinetics, Colloid Chemistry, Advanced Physical-chemistry, Corrosion Science, Advanced Colloid Chemistry Research activities
Name and address of employer	“Babes-Bolyai” University, Dept. of Chemistry and Chemical Engineering of Hungarian Line of Study, Cluj-Napoca, Romania “Babes-Bolyai” University, Dept. of Physical Chemistry, Cluj-Napoca, Romania,
Type of business or sector	Education/Teaching
Dates	1998-2004

Occupation or position held *Assistant*

Main activities and responsibilities Practical works in the field of electrochemistry, chemical kinetics, thermodynamics, colloid chemistry

Name and address of employer "Babes-Bolyai" University, Dept. of Physical Chemistry, Cluj-Napoca, Romania

Type of business or sector Education

Dates 1985-1998

Occupation or position held *Chemistry teacher*

Main activities and responsibilities Teaching

Name and address of employer Transport Highschool, Cluj-Napoca
Alexandru Roman" Highschool, Alesd, Bihor

Type of business or sector Education

Personal skills and competences

Mother tongue(s) **Hungarian**

Other language(s)

Self-assessment

Romanian

English

Russian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
excellent	excellent	excellent	excellent	excellent
very well	very well	well	well	well
elementary	elementary	elementary	elementary	elementary

Research stays abroad

University "Eötvös Loránd" Budapest, Hungary (1990-91)
University "József Attila" Szeged, Hungary (1990)
University of Debrecen, Hungary (2002, 2007)
University of Technology and Economics, Budapest, Hungary (2006, 2007, 2013, 2014, 2016, 2017, 2018, 2019, 2022, 2023, 2024, 2025, 2026)
Al Farabi Kazakh National University, Almaty, Kazakhstan (2017, 2018)
Universite Franch-Comte, Besancon, France (2019)

Affiliations

International Society of Electrochemistry
Romanian Society of Chemistry
Erdélyi Magyar Műszaki Tudományos Társaság
Erdélyi Múzeum Egyesület
Romanian Society of Electrochemistry

Organizational skills and competences

Head of Department of Chemistry and Chemical Engineering of Hungarian Line of Study, (2014-2020)

Research interests

Corrosion investigation of some organic paints obtained on metallic substrates
Electrochemical characterization of thin coatings obtained with sol-gel method
Development of polymer-based anticorrosive coatings
Study of the Briggs-Rauscher oscillating reaction mechanism, application in antioxidant capacity determination
Kinetic study of reactions based on kinetic and catalytic polarographic currents