

PERSONAL INFORMATION



Szücs-Balázs József-Zsolt

National Institute for Research and Development of Isotopic and Molecular Technologies (NIRDIMT), Cluj-Napoca, Romania

+40 264 58 40 37 int. 230

zsolt.szucs@itim-cj.ro

Date of birth 11.07.1983

Sex Male | Nationality Romanian

WORK EXPERIENCE

2016 – Present

Technology Development Engineer II

- National Institute for Research and Development of Isotopic and Molecular Technologies (NIRDIMT), Donat Street, 67 - 103, Cluj-Napoca, Romania
- Research, development in the field of stable isotope separation and synthesis of labelled compounds

2016 – Present

Chief of Stable Isotopes Separation Plants

- National Institute for Research and Development of Isotopic and Molecular Technologies (NIRDIMT), Donat Street, 67 - 103, Cluj-Napoca, Romania
- Research, development in the field of stable isotope separation and synthesis of labelled compounds

2013 – 2016

Research Asistent, Scientific Researcher

- National Institute for Research and Development of Isotopic and Molecular Technologies (NIRDIMT), Donat Street, 67 - 103, Cluj-Napoca, Romania
- Research, development in the field of stable isotope separation and synthesis of labelled compounds

2008 – 2013

Research Asistent

- Babes-Bolyai University – Raluca Ripan Institute for Research in Chemistry, Fântânele Street 3, 400327, Cluj-Napoca, Romania
- Research, development and technology transfer in the field of synthesis and separation of terpenoid compounds

EDUCATION AND TRAINING

2006 – 2011

Ph.D in Chemistry

- Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
- The study of α -pinene isomerization in acidic heterogene catalysis

2005 – 2006

M.Sc in Chemistry

- Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
- Modern Techniques in Chemical Synthesis

2013 – 2016

B.Sc. in Chemistry - Physics

- Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
- Instrumental Analytical Chemistry

PERSONAL SKILLS

Foreign languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Hungarian	C2	C2	C2	C2	C2
	Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages				
Other skills	<ul style="list-style-type: none"> ▪ practical and theoretical skills in the field of the syntheses of stable isotope labeled compounds ▪ skills in the operation of chemical analysis equipment (GC, MS, UV-Vis etc.) ▪ skills in the operation of isotope separation facilities 				
Research Directions	<p>Isotopic Physics and Technology Research Theme:</p> <ul style="list-style-type: none"> ▪ technologies for isotope separation by chemical exchange and cryogenic distillation ▪ synthesis of organic and inorganic stable isotope labeled compounds ▪ isotopic analysis ▪ cryogenics 				