

PERSONAL INFORMATION LAVINIA BUTA

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WORK EXPERIENCE

March 2020–present	MDPI Open Access Publishing Publishing Manager
October 2019–January 2020	Associate chemistry teacher Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering
August 2017–January 2020	Research assistant Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Research project: Stable metallylene species. From design to applications.

EDUCATION AND TRAINING

2015–2022	PhD in Chemistry Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Field: Chemistry/Organometallic chemistry
May 2016–August 2016 May 2018–August 2018	International Research Fellowships–Centre National de la Recherche Scientifique, France Laboratoire de Hétérochimie Fondamentale et Appliquée, Université Paul Sabatier, Toulouse, France
2013–2015	MSc in Process Engineering Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Advanced chemical process engineering
2009–2013	BSc in Environmental Engineering Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Engineering and environmental protection in chemical and petrochemical industries

PERSONAL SKILLS

Mother tongue(s)	Romanian/Hungarian
English	Listening: C1 Reading: C2 Spoken interaction: C1 Spoken production: C1 Writing: C2
French	Listening: B1 Reading: B2 Spoken interaction: B1 Spoken production: B1 Writing: B2

OTHER SKILLS

Technical and computer skills	A good knowledge of Microsoft Office tools, Reaxys, Scifinder, ChemDraw, ChemBioDraw, ChemCad, LabView, Mestrec, MestReNova, Mercury, Diamond, Spartan, XCalibur. Other skills: research and documentation, laboratory practice, scientific knowledge, research ethics.
Communication and organisational skills	Strong communication and supervisory abilities. Strong teamwork abilities and great adaptability to multicultural environments. Attentive to details, highly determined and passionate about continuous learning, personal and professional development.

ADDITIONAL INFORMATION

- Awards:
- **Research Scholarship** by World Federation of Scientists, Geneva, Switzerland (2016–2017)
 - „**Students for Community**” – 1 year private scholarship awarded by Ursus Breweries and Babeş-Bolyai University, Cluj-Napoca, Romania (2014–2015)

Scientific papers

1. Deak, N., Şeptean, R., Buta, L., Moraru, I. -T., Cretoiu, I. -A., Soran, A., Nemeş, G. Novel Coordination Compounds featuring 9-Chloro-9-Phosphaalkenylchloro-9-Germafluorene Ligands. *Polyhedron* **221**, 115866 (2022).

2. Buta, L., Şeptelean, R., Soran, A., Aghion, I. -A., Moraru, I. -T., Nemeş, G. The Modulation of 9-Chloro-9-Phosphaalkenylchloro-9-Germafluorene Reactivity through Organolithium Reagents. *Polyhedron* **210**, 115505 (2021).
3. Buta, L., Şeptelean, R., Moraru, I. -T., Soran, A., Silaghi-Dumitrescu, L., Nemeş, G. New Stable 3,1-Germaphosphapropenes. Synthesis and Structural Characterization. *Inorg. Chim. Acta* **486**, 648–653 (2019).
4. Buta, L., Şeptelean, R., Deak, N., Pop, A., Nemeş, G. New Stannepine Derivatives. Synthesis and Characterisation. *Studia UBB Chemia* **LXI** 3, Tom I, 81 (2016).