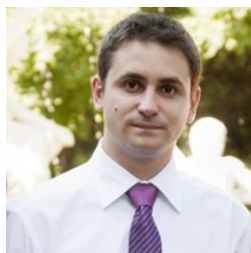


Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Pöllnitz Alpár Zoltán
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Nationality RO
Date of birth 27.04.1984
Gender M

Desired employment / Occupational field

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>2013-present</p> <p>Scientific researcher, degree III</p> <p>Synthesis and spectroscopic characterisation of unusual organoantimony and organobismuth compounds. Teaching activities in the field of coordination and organometallic chemistry</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Babes-Bolyai University, M., Kogalniceanu no. 1, Cluj-Napoca, RO-400028</p> <p>Research in organic and organometallic chemistry</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>2012-2013</p> <p>Scientific researcher</p> <p>Synthesis and spectroscopic characterisation of chiral oligopyridine ligands and their complexes with transition metals. Testing of catalytic activity.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Babes-Bolyai University, M., Kogalniceanu no. 1, Cluj-Napoca, RO-400028</p> <p>Research in organic and organometallic chemistry</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>2006-2012</p> <p>Research assistant</p> <p>Synthesis and spectroscopic characterisation of: (i) organophosphorous ligands and their complexes with Ag and Au, (ii) organochalcogen compounds and organochalcogenolates of group 12 metals.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Babes-Bolyai University, M., Kogalniceanu no. 1, Cluj-Napoca, RO-400028</p> <p>Research</p>

Education and training

Dates 2007-2011
 Title of qualification awarded Ph.D. in chemistry
 Principal subjects/occupational skills covered Organic and organometallic chemistry
 Name and type of organisation providing education and training Babeş–Bolyai University, Faculty of Chemistry and Chemical Engineering, Inorganic Chemistry department, Cluj-Napoca, Romania
 Level in national or international classification 6

Dates 2006-2007
 Title of qualification awarded MSc. in chemistry
 Principal subjects/occupational skills covered Advanced coordinative and organometallic chemistry
 Name and type of organisation providing education and training Babeş–Bolyai University, Faculty of Chemistry and Chemical Engineering, Inorganic Chemistry department, Cluj-Napoca, Romania
 Level in national or international classification 6

Dates 2002-2004
 Title of qualification awarded BSc. in chemistry
 Principal subjects/occupational skills covered Chemistry
 Name and type of organisation providing education and training Babeş–Bolyai University, Faculty of Chemistry and Chemical Engineering, Inorganic Chemistry department, Cluj-Napoca, Romania
 Level in national or international classification 5

Dates 1998-2002
 Title of qualification awarded High school diploma
 Principal subjects/occupational skills covered Mathematics-physics
 Name and type of organisation providing education and training Báthory István High school, Cluj-Napoca, Romania
 Level in national or international classification 4

Personal skills and competences

Mother tongue(s) **Hungarian**

Other language(s) **Romanian, English, German**

Self-assessment
 European level (*)

Romanian

English

German

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2	C2	
C2	C2	C2	C2	C2	
A2	B1	A2	A2	B1	

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Sociable, communicative and always helpful with the people around. Previously member of a few research groups both in Romania and abroad

Organisational skills and competences	Supervised and directed the practical part of several students for diploma theses and some PhD and MSc students
Technical skills and competences	Very technical both in the lab and in extracurricular activities. Rigorous and meticulous to avoid having to do things twice. Advanced skills in inert atmosphere synthesis techniques.
Computer skills and competences	MS Office, Graphics software (to a certain extent), Chemistry related software (software for various spectrometric methods, drawing and editing software)
Other skills and competences	Mainly meticulous handwork related activities. Restoration of miscellaneous old objects, from watches and cameras to old motorcycles and bicycles. Photography. Electronics to some extent. Employment in the past during summer vacations in construction (remodelling/restoration of an old landmark house) and in a restaurant in the US with a Work and Travel program, as well as in furniture manufacturing in Romania.
Driving licence	Categories A, B
Additional information	-
Annexes	Annex 1 – List of publications Annex 2 – Attended conferences

List of publications:

1. Alpar Pöllnitz, Sevil Irisli, Cristian Silvestru and Anca Silvestru, New Organophosphorus Proligands and Amide Precursors: Crystal and Molecular Structures of $\text{Ph}_2\text{P}(\text{X})\text{NH}(\text{C}_6\text{H}_3\text{Pr}^i_{2-2,6})$ (X = O, S) and $(\text{OPPh}_2)(\text{O}_2\text{SMe})\text{N}(\text{C}_6\text{H}_3\text{Pr}^i_{2-2,6})$, *Phosphorus & Sulfur*, **2010**, 185, 910-919
2. Alpar Pöllnitz, Anca Silvestru, M. Concepción Gimeno, Antonio Laguna, New gold(I) and silver(I) complexes with organophosphorus ligands with SPNSO skeleton. Crystal and molecular structures of monomeric $[\text{Au}\{(\text{SPPH}_2)(\text{O}_2\text{SR})\text{N}\}(\text{PPh}_3)]$ (R = Me, $\text{C}_6\text{H}_4\text{Me-4}$) and dimeric $[\text{Ag}\{(\text{SPPH}_2)(\text{O}_2\text{SPH})\text{N}\}(\text{PPh}_3)]_2 \cdot 2\text{CH}_2\text{Cl}_2$, *Inorg. Chim. Acta*, **2010**, 363, 346–352
3. Alpar Pöllnitz, Adina Rotar, Anca Silvestru, Cristian Silvestru, Monika Kulcsar, Group 12 metal aryl selenolates. Crystal and molecular structure of $[\text{2}-(\text{Et}_2\text{NCH}_2)\text{C}_6\text{H}_4]_2\text{Se}_2$ and $[\text{2}-(\text{Me}_2\text{NCH}_2)\text{C}_6\text{H}_4\text{Se}]_2\text{M}$ (M = Zn, Cd), *J. Organomet. Chem.*, **2010**, 695, 2486-2492
4. Alpar Pöllnitz, Richard A. Varga and Anca Silvestru, A new orthorhombic polymorph of 1,1'-selenobis(N,N-diethylsulfanecarbothioamide), *Acta Crystallogr., Sect. E*, **2011**, 67, 411.
5. Alpar Pöllnitz, Vito Lippolis, Massimiliano Arca and Anca Silvestru, An experimental and theoretical investigation on hypervalent organoselenium(II) halides: case study of $[\text{2}-(\text{Et}_2\text{NCH}_2)\text{C}_6\text{H}_4]\text{SeX}$ (X = Cl, Br, I), *J. Organomet. Chem.*, **2011**, in press, DOI: 10.1016/j.jorganchem.2011.05.005
6. Elise Duhamel, Alpar Pöllnitz, Adina Stegarescu and Anca Silvestru, Hypervalent organoselenium(II) compounds with organophosphorus ligands. Crystal and molecular structure of $[\text{2}-(\text{Pr}^i_2\text{NCH}_2)\text{C}_6\text{H}_4]\text{Se}[\text{S}_2\text{PR}^i_2]$ (R' = Ph, OPr), *Z. Anorg. Allg. Chem.*, **2011**, in press.
7. Anca Beleaga, Vilma R. Bojan, Alpar Pöllnitz, Ciprian I. Raț and Cristian Silvestru, Organomercury(II) and -tellurium(II) compounds with the "pincer" ligand 2,6-[O(CH₂CH₂)₂NCH₂]₂C₆H₃ – stabilization of an unusual organ tellurium(II) cationic species, *Dalton Trans.*, **2011**, 40, 8830. DOI:10.1039/C1DT10414D
8. Monica Bucșa, Alpar Pöllnitz, Richard Varga, Anca Silvestru, Adrian Pârâu, and Mircea Vlăsa, The Ring–Chain Tautomeric Equilibria of Se Macrocyclic Compounds: First Isolation of the Ring Tautomer, *Dalton Trans.*, **2012**, 41, 4506.
9. Alpar Pöllnitz, Cristian Silvestru, Jean-Francois Carpentier and Anca Silvestru, Diorganodiselenides and zinc(II) organoselenolates containing (imino)aryl ligands of the type 2-(RN=CH)C₆H₄, *Dalton Trans.*, **2012**, 41, 5060.
10. Dorel Oltean, Alpar Pöllnitz, Anca Silvestru, Organophosphorus ligands with XPNSO skeleton (X = O, S) and their Pd(II) complexes. Crystal and molecular structure of $[\{\text{XP}(\text{OEt})_2(\text{O}_2\text{SR})\}\text{NH}]$ (X = O, R = Me, Ph; X = S, R = $\text{C}_6\text{H}_4\text{Cl-4}$) and $\text{Pd}\{[\text{SP}(\text{OEt})_2(\text{O}_2\text{SC}_6\text{H}_4\text{Cl-4})\text{N}]_2\}$, *Polyhedron*, **2013**, 53, 67.
11. Alpar Pöllnitz, Radek Skupiński, Helen Stoeckli-Evans, Aurélien Crochet, Anca Silvestru, Katharina M. Fromm, Olimpia Mamula, A Family of Immobilizable Chiral Bis(pinenebipyridine) Ligands, *Synlett*, **2013**, 24(19), 2555-2558

Attended conferences

1. New Organophosphorous Ligands with Phosphorous-Nitrogen Bonds.
XVII EuCheMS Conference on Organometallic Chemistry, Sofia, Bulgaria, 01 – 06 September 2007
2. New hypervalent organoselenium derivatives. Synthesis, structural characterisation and reactivity. *International Conference on Organometallic Chemistry*, Rennes, France, 13-18 July 2008
3. Solution behavior of hypervalent organo-selenium and -tellurium compounds, *11th Central and Eastern European NMR Symposium and 11th Central and Eastern European Bruker Users Meeting*, Cluj-Napoca, Romania, 4-6 October 2009
4. New group 12 metal selenolates bearing a ligand with an imino type pendant arm. Precursors and synthesis. *11th International Conference on the Chemistry of Selenium and Tellurium*, Oulu, Finland, 1-6 August 2010
5. *From Reaction to Technology Trends in the Chemical Production*, Fribourg, Switzerland, 25-26 april, 2013
6. Immobilizable chiral polypyridine ligands and their complexes. *20th EuCheMS Conference on Organometallic Chemistry*, St Andrews, UK, 30 June - 4 July 2013