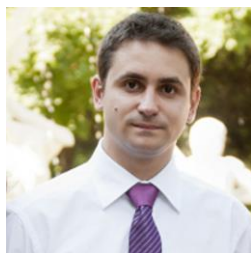


## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Pöllnitz Alpár Zoltán**  
Address(es) Cojocnei 2/31, Cluj-Napoca, 400577, Romania  
Telephone(s) 0040264593833 int. 5778 Mobile: 0040740299141  
Fax(es) 0040264590818  
E-mail apollnitz@chem.ubbcluj.ro  
Nationality RO  
Date of birth 27.04.1984  
Gender M

### Desired employment / Occupational field

#### Work experience

Dates	2011-2012
Occupation or position held	Scientific researcher
Main activities and responsibilities	Synthesis and spectroscopic characterisation of: (i) organochalcogen compounds, (ii) chiral oligopyridine ligands and their complexes with transition metals
Name and address of employer	Babes-Bolyai University, M., Kogalniceanu no. 1, Cluj-Napoca, RO-400028
Type of business or sector	Organic and organometallic chemistry
Dates	2006-2012
Occupation or position held	Research assistant
Main activities and responsibilities	Synthesis and spectroscopic characterisation of: (i) organophosphorous ligands and their complexes with Ag and Au, (ii) organochalcogen compounds and organochalcogenolates of group 12 metals.
Name and address of employer	Babes-Bolyai University, M., Kogalniceanu no. 1, Cluj-Napoca, RO-400028
Type of business or sector	research

### 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	Babes-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
<b>Additional information</b>	-
<b>Annexes</b>	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  $\text{Ph}_2\text{P}(\text{X})\text{NH}(\text{C}_6\text{H}_3\text{Pr}^{i-2,6})$  ( $\text{X} = \text{O}, \text{S}$ ) and  $(\text{OPPh}_2)(\text{O}_2\text{SMe})\text{N}(\text{C}_6\text{H}_3\text{Pr}^{i-2,6})$ , *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  $[\text{Au}\{(\text{SPPH}_2)(\text{O}_2\text{SR})\text{N}\}(\text{PPh}_3)]$  ( $\text{R} = \text{Me}, \text{C}_6\text{H}_4\text{Me-4}$ ) 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  $[\text{2}-(\text{Me}_2\text{NCH}_2)\text{C}_6\text{H}_4\text{Se}]_2\text{M}$  ( $\text{M} = \text{Zn}, \text{Cd}$ ), *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  $[\text{2}-(\text{Et}_2\text{NCH}_2)\text{C}_6\text{H}_4]\text{SeX}$  ( $\text{X} = \text{Cl}, \text{Br}, \text{I}$ ), *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  $[\text{2}-(\text{Pr}^i_2\text{NCH}_2)\text{C}_6\text{H}_4]\text{Se}[\text{S}_2\text{PR}^i_2]$  ( $\text{R}^i = \text{Ph}, \text{OPr}^i$ ), *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-[ $\text{O}(\text{CH}_2\text{CH}_2)_2\text{NCH}_2$ ] $_2\text{C}_6\text{H}_3$  – 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 Pârnău, 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-( $\text{RN}=\text{CH}$ ) $\text{C}_6\text{H}_4$ , *Dalton Trans.*, **2012**, 41, 5060.
10. Dorel Oltean, Alpar Pöllnitz, Anca Silvestru, Organophosphorus ligands with XPNSO skeleton ( $\text{X} = \text{O}, \text{S}$ ) and their Pd(II) complexes. Crystal and molecular structure of  $[\{\text{XP}(\text{OEt})_2(\text{O}_2\text{SR})\}\text{NH}]$  ( $\text{X} = \text{O}, \text{R} = \text{Me}, \text{Ph}; \text{X} = \text{S}, \text{R} = \text{C}_6\text{H}_4\text{Cl-4}$ ) 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