

Dr. Alexandra Mihaela POP

Born 22.08.1984 in Baia Mare, ROMANIA

Citizenship: Romanian

ResearcherID: [C-1264-2012](#)

[Webpage : www.chem.ubbcluj.ro/~ccsoom/organometallic/alexandra.html](http://www.chem.ubbcluj.ro/~ccsoom/organometallic/alexandra.html)

Education

Institution: Babeş-Bolyai University, Cluj-Napoca (România), Faculty of Chemistry and Chemical Engineering

- *June 2014–Dec. 2015* Postdoctoral study
Funded by European project: POSDRU/159/1.5/S/ 137750.
- *Oct. 2008 – Feb. 2012* Ph. D. in Chemistry (very good)
Funded by European project POSDRU/6/1.5/S/3.
- *Oct. 2007 – July 2008* Master of Science, Organometallic and Coordination Chemistry
- *Oct. 2003 – July 2007* Bachelor of Science, Chemistry

Professional experience

Institution: Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering

- *April 2016 –March 2017* **Project Manager**, Young Researcher Project, GTC-31809/Babeş-Bolyai University
- *June 2014 – Dec. 2015* **Postdoctoral researcher**, European project POSDRU/159/1.5/S/137750
- *2006 – Present* **Research assistant**

Organisational / managerial skills

- Project manager of a project funded by Babeş-Bolyai University, GTC-31809.
- Member of the research team of 6 projects funded by national grants (COSETEORG 2006-2008; ID 2404/2009-2011; ID933/2011-2016; ID659/2011-2016; PCCE 0050/2011-2016; TE0906/2015-2017).
- Coordination of the research activities of undergraduate students, master and Ph. D. students
- Managerial duties (responsible for orders of chemical reagents, solvents and glassware)

Technical skills and competences

- Expertise in the synthesis and characterisation of chalcogen-containing (S, Se, Te) compounds
- Synthesis and handling of air-sensitive compounds (Schlenk and glove-box techniques)
- Qualification and experience in operating Bruker 300, 400, 500 and 600 MHz NMR spectrometers

- Crystallographer at National Centre for X-Ray Diffractometry, Certificate of attendance of the training course at Bruker AXS, Karlsruhe, Germany. SMART APEX Single Crystal X-ray Diffractometer User Training
- 4-year experience in solving, refining and graphical processing of X-ray structures with specific software (SHELX package, WinGX, ORTEP, Diamond etc.)

Awards

- 2011 Award from the Babeş-Bolyai University for very good results during the Ph.D. POSDRU program *Doctoral studies: through science towards society*, project POSDRU/6/1.5/S/3
- 1 Nov. 2006 – 1 Sept. 2007 Excellence Scholarship from Babeş-Bolyai University, Cluj-Napoca, Romania

Research stays and Training

- 1 May – 7 June 2015 3 secondments at the Institut des Sciences Chimiques de Rennes (UMR 6226, Rennes, France).
1 Oct. – 1 Dec. 2014
15 Sep. – 15 Nov. 2013
- 27 – 29 Aug. 2012 Training on single crystal X-ray diffraction (SMART APEX user training at Bruker AXS, Karlsruhe, Germany)
- 1 Feb. – 30 Sept. 2010 Università degli Studi di Cagliari, Dipartimento di Chimica Inorganica ed Analitica; Cagliari, Italia. POSDRU programme scholarship - *Doctoral studies: Science towards society* .
- 15 Feb. – 15 July 2008 Research stay, Instituto de Ciencia de Materiales de Aragon, Departamento de Química Inorganica, Universidad de Zaragoza, Spain. ERASMUS/SOCRATES fellowship.

Languages: Romanian (native), English (fluent), Spanish, Italian, French