

## Lect. Dr. Alexandra POP

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### Education

Institution: Babeş-Bolyai University, Cluj-Napoca, 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 Doctor of Chemistry  
Funded by European project POSDRU/6/1.5/S/3.
- Oct. 2007 – July 2008 Master of Science, Advance Organometallic and Coordination Chemistry
- Oct. 2003 – July 2007 Bachelor of Science, Chemistry

### Professional experience

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

- 2017 –Present **Lecturer**
- 2012 – Present **Crystallographer**, National Centre for X-Ray Diffractometry (NCXRD)
- 2006 – 2012 **Research assistant**

### Research stays and Training

- 1 Sep. – 30 Nov. 2018 Research mobility, ISQCH (CSIC-University of Zaragoza, Spain), UEFISCDI project **PN-III-P1-1.1-MC-2018-2580**
- 1 Dec. 2018 – 15 March 2019 Short Term Scientific Missions, ISQCH (CSIC-University of Zaragoza, Spain), **COST Action CA15106**
- 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 Instituto de Ciencia de Materiales de Aragon, Departamento de Química Inorganica, Universidad de Zaragoza, Spain. **ERASMUS/SOCRATES** fellowship

### Organisational / managerial skills

- Project manager of one project funded by the Romanian Ministry of Education, PN-III-P1-1.1-TE-2019-1342 and one project funded by Babeş-Bolyai University, GTC-31809

- Member of the research team of 9 projects funded by national grants (COSETEORG; CNCISIS TIP A; ID 933/2011; ID 659/2011; PCCE 0050, TE-906, PCE 857/2016; PCCF 0088)
- Trainer - Summer School financed by the Ministry of National Education and Scientific Research - Romanian Secondary Education Project (ROSE) 24.06.2019 - 07.07.2019
- Trainer - BASF Chemgeneration Program 2018 – 2019
- Member of Supramolecular Organic and Organometallic Chemistry Centre - SOOMCC (Excellency recognized by Babeş-Bolyai University)
- Secretary of the Cluj Branch of the Romanian Chemical Society
- Member in the board of the Romanian Chemical Society

### 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.
- 12-year experience in solving, refining and graphical processing of X-ray structures with specific software (SHELX package, WinGX, ORTEP, Diamond etc.)

### Awards

- June 2019 - Awarded with the Prize of the Romanian Chemical Society
- 2019 - Advanced Fellowship „Gheorghe Spacu” – awarded by STAR UBB institute
- 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
- 2007 – 2008 Excellence Scholarship from Babeş-Bolyai University, Cluj-Napoca, Romania

### Publications and citation Metrics

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**39** Publications in Web of Science, H-index **9**

**3** book chapters

**20** communications to international conferences and **2** invited lectures