


## PERSONAL INFORMATION

## Cojocaru, Bogdan Eugen



 B dul Regina Elisabeta, nr. 4-12, Sector 3, 030018, București, România

 +40213159249

 [bogdan.cojocaru@chimie.unibuc.ro](mailto:bogdan.cojocaru@chimie.unibuc.ro)

 <https://unibuc.ro/user/bogdan.cojocaru/>

Sex Male | Date of birth 09/07/1979 | Nationality Romanian

ResearcherID: A-8250-2012; OrCID: 0000-0002-2019-4370; BrainMap: ID U-1700-039K-8916 ScopusID: 36907981400

## WORK EXPERIENCE

- 2019-to date **Lecturer**  
University of Bucharest, Faculty of Chemistry, Department of Organic Chemistry, Biochemistry and Catalysis
- 2013-2019 **Business or sector** Academia  
**Assistant Professor**  
University of Bucharest, Faculty of Chemistry, Department of Organic Chemistry, Biochemistry and Catalysis
- 2022-to date **Business or sector** Academia  
**CSIII**  
University of Bucharest, Catalysts and Catalytic Processes Research Centre
  - Catalysis
- 2005-2022 **Business or sector** Research  
**Research Assistant**  
University of Bucharest, Catalysts and Catalytic Processes Research Centre
  - Catalysis
- 2012-2014 **Business or sector** Research  
**Research Assistant**  
National Institute for Laser, Plasma & Radiation Physics (INFLPR), Magurele
  - Materials preparation and characterisation
- 2002-2003 **Business or sector** Research  
**Sports Instructor**  
Romanian Boxing Federation
  - Organization of boxing events**Business or sector** Sports

## EDUCATION AND TRAINING

- 2010-2012 **Post-Doctoral Stage**  
University of Bucharest
  - Green fuels - obtaining hydrogen from biodiesel waste using new catalysts and nonconventional catalytic processes
- 2005-2009 **PhD in Chemistry**  
University of Bucharest
  - Photocatalytic decomposition of chemical compounds with mass destruction potential using hybrid catalytic systems

2002-2004 **Masters in Catalysis and catalytic Processes**

University of Bucharest

▪ Catalysis/materials

1998-2002 **Bachelor degree in Chemistry**

University of Bucharest

▪ Catalysis/materials

1994- 1998 **Baccalaureate**

“I.L. Caragiale” National College

▪ Informatics/Mathematics

#### PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					

Communication skills Good communications skills acquired by working with students

Organisational / managerial skills

**Head** of 4 national research projects.

29 national or international research projects as **team member**.

Secretariat for conferences organization:

1. Past and Present in DeNOx Catalysis : From Molecular Modelling to Chemical Engineering, 17-20 Iunie, 2007, Uzlina, Romania
2. 8th International Symposium of the Romanian Catalysis Society, RomCat 2007, 21-23 Iunie 2007, Bucuresti, Romania.
3. 9th International Symposium of the Romanian Catalysis Society, RomCat 2010, 23-26 Iunie 2010, Iasi, Romania
4. Chemistry and target identification of natural products, 22-24 Mai 2012, Bucuresti, Romania
5. 10th International Symposium of the Romanian Catalysis Society, RomCat 2013, 29-31 Mai 2013, Cluj-Napoca, Romania
6. 11th International Symposium of the Romanian Catalysis Society, RomCat 2016, 06-08 June 2016, Timisoara, Romania
7. The 11th International Conference on Carbonic Anhydrases, ICCA2018, 27-30 June 2018, Bucharest , Romania.
8. 12th International Symposium of the Romanian Catalysis Society, RomCat 2019, 05-07 June 2019, Bucuresti, Romania
9. CATALYSIS for PROMISING FUTURE Summer School, 20-21 June 2022, Baile Govora, Romania
10. 13th International Symposium of the Romanian Catalysis Society, RomCat 2022, 22-24 June 2022, Baile Govora, Romania
11. International School on Innovations in Homogeneous and Supported Homogeneous Catalysis (ISI-HSHC), 25-28 April 2023, Bucharest, Romania
12. "Catalysis at the crossroads between biology and chemistry" Summer School, 06-08 July 2025, Cluj-Napoca, Romania
13. 14th International Symposium of the Romanian Catalysis Society, RomCat 2025, 09-11 July 2025, Cluj-Napoca, Romania

## Job-related skills

**Training stages**

1. Spain, Technical University of Valencia, Februarie – Aprilie 2006, Prof. H. Garcia;
2. Canada, University of Ottawa, Ianuarie – Martie 2007, Prof. J.C. Scaiano;
3. Spain, Technical University of Valencia, Aprilie – Iunie 2008, Prof. H. Garcia;
4. UK, Queen's University of Belfast, Octombrie 2009, Prof. C. Hardacre;
5. France, European Summer School on Biorefinery, Paris, August 2011.
6. Specialization "Intranet and SharePoint - creation of intranet pages. Intranet for Departments, Faculties and Projects" 8-18.05.2023

**Teaching courses:**

- Elements of Catalysis and Biocatalysis (Medical Chemistry, Year III)
- Supramolecular Catalysis (Medical Chemistry, Year III)
- Characterization of solid materials (Master Chemistry of Advanced Materials, Year II)

**Laboratories with students:**

- Basics of organic chemistry. Hidrocarburi (Chemistry, Year I)
- Bio-organic compounds and dyes (Chemistry, Year III)
- Reactivity of organic compounds (Chemistry, Year I)
- Technological processes for environment protection (Environmental Chemistry, Year II)
- Processes and operations in biotechnologies (Biochemistry, Year II)
- Catalysis and catalysts (Chemistry, Year III)
- Catalysis - Applications in environmental chemistry (Environmental Chemistry, Year III)
- Micro and mesoporous materials with applications in catalysis (Chemistry, Year III)
- Preparation of catalysts (Chemistry, Year III)
- Green chemistry and catalysis (Master Integrated approach of natural sciences, Year II)
- Photocatalytic depollution processes ((Environmental Chemistry, Year III)
- Catalytic processes in obtaining the active principles. Technology for obtaining pharmaceutical forms (Master Chemistry of Medicines and Cosmetics, Year I)
- Nanomaterials (Master Chemistry of Advanced Material, Year II)
- Characterization of solid materials (Master Chemistry of Advanced Materials, Year II)
- Supramolecular Catalysis (Medical Chemistry, Year III)
- A preparatory year – Organic Chemistry for foreign students
- Specialty practice for students – Viromet S.A. Victoria, Brasov, ApaNova SA Bucuresti, CNCAN Bucuresti, Institutul De Chimie Organica Si Supramoleculara (ICOS) "Costin D. Nenițescu" Bucuresti, CP Med Laboratory SRL Bucuresti.
- Member in the doctoral students' guidance committees
- Diploma thesis coordination (bachelor and master)

**Publications:**

- 3 book chapters;
- 101 ISI publications
- 13 publications in conference proceedings.
- Hirsch Index = 28 (27 without auto-citations) – SCOPUS
- Total citations (without auto-citations) = 2317 (SCOPUS);
- Total citations = 2443 (SCOPUS).
- 1 national patent
- 42 oral presentations in international conferences
- 50 papers presented in summary (posters) at international conferences
- 2 invited lectures

**Awards:**

- Best Poster Award, The 2nd International Electronic Conference on Catalysis Sciences—A Celebration of Catalysts 10th Anniversary (ECCS2021)

**Member of professional associations:**

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 Romanian Catalysis Society  
 Romanian Chemical Society

## ADDITIONAL INFORMATION

- Annex 1 – BOOK CHAPTERS
- Annex 2 - ISI PAPERS
- Annex 3 - PAPERS PUBLISHED IN JOURNALS AND CONFERENCE PROCEEDING VOLUMES WITH REFERENCES (NOT INDEXED);
- Annex 4 - PATENTS
- Annex 5 - RESEARCH PROJECTS
- Annex 6 - ORAL PRESENTATIONS AT INTERNATIONAL CONFERENCES
- Annex 7 - PAPERS PRESENTED IN SUMMARY AT INTERNATIONAL CONFERENCES

22.10.2025