

PERSONAL INFORMATION **Codruța Constanța POPESCU (PARASCHIVESCU)**

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Sex F | Date of birth 21/04/1976 – optional | Nationality Romanian

WORK EXPERIENCE

- 2016- present** **Lecturer**
 University of Bucharest, Panduri Street, No. 90-92, Bucharest, www.unibuc.ro
 Teaching and research
 Faculty of Chemistry, Department of Inorganic and Organic Chemistry, Biochemistry and Catalysis
- 2002-2016:** **Professor Assistant**
 University of Bucharest, Panduri Street, No. 90-92, Bucharest, www.unibuc.ro
 Teaching and research
 Faculty of Chemistry, Department of Inorganic and Organic Chemistry, Biochemistry and Catalysis
- 2001-2002:** **Chemistry teacher at high school**
 „Theodor Pietraru”, Brănești, Ilfov

EDUCATION AND TRAINING

<p>2003 – 2011 Name and type of organisation Principal subjects skills covered</p>	<p>PhD in Chemistry University of Bucharest, Faculty of Chemistry Thesis Title: “New potentially biologically active five-membered heterocyclic compounds”</p>	<p>EQF Level 8</p>
<p>1998-2002 Name and type of organisation Principal subjects skills covered</p>	<p>Master of Science University of Bucharest, Faculty of Chemistry Organic Chemistry</p>	<p>EQF Level 7</p>
<p>1996-2001 Name and type of organisation Principal subjects skills covered</p>	<p>Bachelor of Science University of Bucharest, Faculty of Chemistry Organic Chemistry</p>	<p>EQF Level 6</p>

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](https://www.europecouncil.europa.eu/en/common-european-framework-reference-languages/)

EXPERTISE FIELD

- Organic Synthesis
- Heterocyclic Compounds
- Biologically Active Compounds
- Dyes
- Solid-Phase Peptide Synthesis
- Hypervalent iodine reagent
- Development of new synthesis strategies for organic compounds

EXTRACURRICULAR ACTIVITIES

Activities for improving the faculty visibility (Chimia prieten sau dușman, Noaptea cercetătorilor), member of the team responsible for training of the Romanian Team for the International Chemistry Olympiad – 2015-2025, member of doctoral supervision committees, member of the project team "CHEMPOET - Chemistry in good hands", member of the organizing committee of the contest "The Unknown Element - tell me who you are with to tell you who you are!", reviewer for international journals, administrative tasks for lab equipment (NMR, UV-Vis, MS etc.)

MENTOR OF STUDENTS

- Bachelor- 12 students (last 5 years)
- Master of Science-10 students (last 5 years)

ISI PUBLICATIONS

1. C. Dobrota, C.C. Paraschivescu, I. Dumitru, M. Matache, I. Baci, L.L. Ruta, Convenient preparation of unsymmetrical 2,5-disubstituted 1,3,4-oxadiazoles promoted by Dess-Martin reagent, 2009, Tetrahedron Lett., 1879-1881, 10.1016/j.tetlet.2009.02.054
2. C. Dobrotă, J. Graeupner, I. Dumitru, M. Matache, C.C. Paraschivescu Expedient access to fused quinoxalines via Dess-Martin periodinane-mediated cyclization of unsymmetrical phenylenediamide derivatives, 2010, Tetrahedron Lett., 1262-1264, 10.1016/j.tetlet.2009.11.080
3. C. Paraschivescu, M. Matache*, C. Dobrotă, A. Nicolescu, C. Maxim, C. Deleanu, I.C. Fărcășanu, N.D. Hădăde* Unexpected formation of N-(1-(2-aryl-hydrazono)isoindolin-2-yl)benzamides and their conversion into 1,2-(bis-1,3,4-oxadiazol-2-yl)benzenes, 2013, J. Org. Chem., 2670-2678, 10.1021/jo400023z
4. C.C. Paraschivescu, N.D. Hădăde, A.G. Coman, A. Gautier, F. Cisnetti, M. MatacheȚ, Symmetrical and non-symmetrical 2,5-diaryl-1,3,4-oxadiazoles: synthesis and photophysical properties, 2015, Tetrahedron Lett., 3961-3964, 10.1016/j.tetlet.2015.05.005
5. A. Paun, C.C. Paraschivescu, N.D. Hadade, M. Matache* 1,3,4-Oxadiazoles as luminescent materials for organic light emitting diodes via cross-coupling reactions, 2016, J. Mater. Chem. C, 8596-8610, 10.1039/C6TC03003C
6. A.G. Coman, C.C. Paraschivescu, N.D. Hadade, A. Juncu, O. Vlaicu, C.-I. Popescu, M. Matache, *New Acyloxymethyl Ketones - Useful Probes for Cysteine Protease Profiling, 2016, Synthesis-Stuttgart, 606-614, 10.1055/s-0035-1560387
7. A.G. Coman, C.C. Paraschivescu, A. Paun, A. Diac, N. D. Hadade, L. Jouffret, A. Gautier, M. Matache*, P. Ionita* Synthesis of novel profluorescent nitroxides as dual luminescent-paramagnetic active probes, 2017, New J. Chem., 7472-7480, 10.1039/C7NJ01698K
8. C.C. Popescu, M.C. Stoian, L.-M. Cucos, A.G. Coman, A. Radoi, A. Paun, N.D. Hădăde, A. Gautier, C.I. Popescu*, M. Matache, A polycarboxylic chelating ligand for efficient resin purification of His-tagged proteins expressed in mammalian systems, 2020, RSC Adv., 23931-23935, 1039/D0RA02382E
9. C.C. Anghel, C. Bădescu, A.G. Mirea A.Păun, N.D. Hădăde, A.M. Mădălan, M. Matache*, C.C. Popescu, Two are better than one - Synthesis of novel blue and green emissive hydroxy-oxadiazoles, 2022, Dyes Pigm., 109927, 10.1016/j.dyepig.2021.109927
10. A. Hanganu, M. Maximov, OC Maximov, C.C Popescu, N. Sandu, M. Florea, AG Mirea, C. Gârbea, M. Matache, D.P. Funeriu, Insights into Large-Scale Synthesis of Benfotiamine, 2024, Organic Process Research & Development, 4069-4078, 10.1021/acs.oprd.4c00351
11. N. Sandu, A. Hanganu, C. Popescu, A.M Demeter, A.G Mirea, A. Kuncser, C. Tăbălet, N.D Hădăde, M. Florea, D.P Funeriu, M. Matache, Synthesis of dynamic N-acylhydrazone-based macrocycles, 2025, Journal of Materials Chemistry A, 13, 10232-10242, 10.1039/D4TA09035G

NON- ISI PUBLICATIONS BREVETS CHAPTER OF BOOKS

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- 1. C.C. Paraschivescu, A. Păun, M. Matache, A journey through the oxadiazole-based compounds: from synthesis to applications (2016), Targets in heterocyclic systems. Chemistry and Properties, Volume 20, 174-196, Italian Society of Chemistry

BOOKS

1. I Baci, E Oprea, C Paraschivescu, Natural and semisynthetic compounds: practical works, Ed. University of Bucharest, 2004
2. I. Baci, C. Dobrotă, I. Dumitru, M. Matache, C. C. Paraschivescu, L. L. Ruță, Separation and purification of organic compounds, Ed. University of Bucharest, 2009
3. C. Cercasov, V. Lazar, E. Oprea, C-V Popa, I. C. Fărcășanu, M. C. Balotescu, C.C. Paraschivescu, L.L. Ruță, Dictionary of terms specific to fields bordering on chemistry, Ed. University of Bucharest, 2006

RESEARCH PROJECTS (LAST 10 YEARS)

- 15 projects as team member
- 3 UB project