

PERSONAL INFORMATION

Ovidiu Oniga



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<https://www.brainmap.ro/ovidiu-oniga>

WORK EXPERIENCE

- 2010–Present **Doctoral thesis coordinator**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)
- 2005–Present **Professor**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)
- 2002–2005 **Associate professor**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)
- 1997–2002 **Lecturer**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)
- 1992–1997 **Teaching assistant**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)

EDUCATION AND TRAINING

- 2000 **Primary pharmacist**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)
- 1994 **Specialist pharmacist**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)
- 1992–1997 **PhD in Organic chemistry - Thesis title: Contribuții la sinteza și comportamentul unor 2,4-bistiazoli**
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca (Romania)
- 1984–1989 **Pharmacist**
Faculty of Pharmacy, IMF, Cluj-Napoca (Romania)
- 1979–1983 **High school**
Liceul Gheorghe Șincai, Baia-Mare (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills Team spirit, adaptability, written and verbal communication, persuasion and guidance

Organisational / managerial skills

- Coordination of the activity of the Department of Pharmaceutical Chemistry.
- Management of the Romanian Pharmaceutical Sciences Society, Cluj Napoca branch
- Good experience in projectmanagement

Job-related skills Research experience:

- experience in the organic synthesis of heterocyclic compounds;
- experience in structural analysis through modern techniques; use and interpretation of instrumental data, including mass spectrometry, IR spectroscopy, ¹H, ¹³C-NMR;
- skills in QSAR and molecular docking

ADDITIONAL INFORMATION

Memberships Romanian Society of Pharmaceutical Sciences, president of SSFR Cluj-Napoca branch

Research interest Rational drug-design and heterocyclic synthesis (particularly azole compounds), computational chemistry, molecular spectroscopy, antimicrobial and anticancer activity (*in vitro* studies on bacterial, fungal strains and cancer cells), ADMET and QSAR studies

Teaching interest Antiinfective and anticancer drugs, pharmacovigilance

Research stays abroad Faculty of Pharmacy, Valencia, 3months, 1994
Universite Libre de Bruxelles, 2 weeks, 1995
Faculty of Pharmacy Rouen, France, 2 weeks, 1998 and 2008

Research grants Leader of national researchgrants:

- Sinteza, caracterizarea fizico-chimică și studiul acțiunii biologice a unor noi compuși 4,5 ditiazolici*
- Grant CNCSIS cod 49/2000-2001, tip T
- Sinteza unor noi tiazoli, tiazoline, tiazolidine și tiadiazoline ca potențiali agenți antibacterieni și antifungici*, grant CNCSIS PN-2, idei, 2008-2011

Member of team of research grants:

- Obținerea, caracterizarea fizico-chimică și biologică a unor noi flavone de sinteză. Studiul relațiilor QSAR, QSRR și QRAR*, 2007-2009, grant CNCSIS
- Sinteza caracterizarea fizico-chimică și evaluarea potențialului biologic al unor heteril-azoli*, 2008-2011, grant CNCSIS, PN-2, idei
- Sinteza, screening-ul și eliberarea controlată a unor noi compuși tiazolici, bitiazolici și tiazolidin-4-onici cu activitate antioxidantă, antiproliferativă și antimicrobiană*, 2014-2016, grant CNCSIS PN-II-PT-PCCA-2013-4; code 10/2014
- Dezvoltarea unor noi fluorochinolone cu activitate asupra unor bacterii MDR*, PNCDI III - Programul 3: cooperare bilaterală Romania-Moldova, 2016-2018

Publications 82 research papers published in ISI journals, 60 as main author
45 research papers in BDI journals

15 speciality books
> 40 scientific communications at national and international conferences

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BrainMap <https://www.brainmap.ro/ovidiu-oniga> (U-1700-028A-9488)

FCI (2012-2020) 108,271

Influence totalscore (2012-2020) 41,971

Journal reviewer Farmacia, Molecules, Medicine and Pharmacy Reports, Journal of Heterocyclic Chemistry

Awards For a Young Investigator Award, Accorded by the Ministry of National Education and Servier Laboratory, 1998
IN HOC SIGNO VINCES, Accorded by the Ministry of National Education and CNCIS, 2000

Representative recent articles

1. Andreea-Iulia Pricopie, Monica Focșan, Ioana Ionut, Gabriel Marc, Laurian Vlas, ~~Luiza Ioana~~ Găină, Dan C. Vodnar, Elemer Simon, Gabriel Barta, Adrian Pîrnău, **Ovidiu Oniga**, Novel 2,4-Disubstituted-1,3-Thiazole Derivatives: Synthesis, Anti-Candida Activity Evaluation and Interaction with Bovine Serum Albumine, *Molecules*, 2020, 25(5), 1079, <https://doi.org/10.3390/molecules25051079>, **IF: 3,06**
2. Andreea Iulia Pricopie, Ioana Ionut, Gabriel Marc, Anca Maria Arseniu, Laurian Vlas, Adriana Grozav, Luiza Ioana Găină, Dan C Vodnar, Adrian Pîrnău, Brîndușă Tipericiu, **Ovidiu Oniga**, Design and Synthesis of Novel 1,3-Thiazole and 2-hydrazinyl-1,3-Thiazole Derivatives as Anti-Candida Agents: In vitro Antifungal screening, Molecular docking study and spectroscopic Investigation of their binding interaction with bovine serum albumin, *Molecules* 2019, 24 (19), 3435, <https://doi.org/10.3390/molecules24193435>, **IF: 3,06**
3. Borcea, AM; Marc, G; Ionut, I; Vodnar, DC; Vlas, L; Gligor, F; Pricopie, A; Pîrnău, A; Tipericiu, B; **Oniga O**, A Novel Series of Acylhydrazones as Potential Anti-Candida Agents: Design, Synthesis, Biological Evaluation and In Silico Studies, *Molecules*, 2019, 24, 1, 184, <https://doi.org/10.3390/molecules24010184>, **IF: 3,06**
4. Smaranda Oniga, Mariana Palage, Cătălin Araniciu, Gabriel Marc, **Ovidiu Oniga**, Laurian Vlas, Viorel Prisăcari, Vladimir Valica, Serghei Curlat, Livia Uncu. Design, synthesis, molecular docking, and antibacterial activity evaluation of some novel norfloxacin analogues. *Farmacia* 2018, 66(6):1048-1058. **IF:1.507**
5. Marc G, Araniciu C, Oniga SD, Vlas L, Pîrnău A, Duma M, Mărușescu L, Chifiriuc MC; **Oniga O**. New N-(oxazolymethyl)-thiazolidinedione Active against *Candida albicans* Biofilm: Potential Als Proteins Inhibitors. *Molecules* 2018, 23(10). **IF: 3.098**

Representative recent books

1. **Oniga O**, Brîndușă Tipericiu, Cristina Nastasă, Ioana Ionut, *Chimia și acțiunea antibioticelor antibacteriene*, ed. UMF „Iuliu Haieganu” Cluj-Napoca, 2013
2. **Oniga O**, Brîndușă Tipericiu, Dan Eniu, Illoara Oniga, *Medicația anticanceroasă. Actualități și perspective*, ed. UMF „Iuliu Haieganu” Cluj-Napoca 2014
3. **O. Oniga**, coordinator, *Actualități în cercetarea și utilizarea antibioticelor*, ed. UMF „Iuliu Haieganu Cluj Napoca”, 2016
4. **O. Oniga**, coordinator *Medicamentele secolului XXI și terapii moderne*, ed. UMF „Iuliu Haieganu” Cluj Napoca, 2019
5. **O. Oniga**, coordinator *Progrese în terapia, cercetarea și managementul cancerului*, ed. UMF Iuliu Haieganu Cluj Napoca, 2020

