

PERSONAL INFORMATION



Institute and official
address

Specialization

Research field

Blaja Svetlana

📍 11/1 Nicolae Dimo street, Apt.19, MD-2068 Chisinau (Moldova)

☎ +373 69013379

✉ svetlana-blaja@mail.ru

Sex Female | Date of birth 21/02/1983 | Nationality Moldova

Institute of Chemistry, 3 Academy street, Chisinau MD 2028, Republic of Moldova

Free International University of Moldova, Faculty of Biomedicine and Ecology, Department of Technology and Analysis of Cosmetics and Drugs, 52 Vlaicu Parcalab street, Chisinau, MD-2012 Republic of Moldova

Chemist, scientific researcher, chemistry of natural compounds, university teacher.

Biorganic chemistry; chemistry of natural and physiologically active compounds, pharmacist tehnologist.

WORK EXPERIENCE

Sep 2016–Present

Trainee researcher

Institute of Chemistry, Laboratory of Chemistry of natural and biologically active compounds, Chisinau (Moldova)

Nov 2014–Present

University teacher

Faculty of Biomedicine, Department of Technology and Analysis of Cosmetics and Drugs at the Free International University of Moldova

Aug 2004–2015

Physician assistant

National Center for Public Health, Environment and Human Habitat Hygiene Section

EDUCATION AND TRAINING

Nov 2016–Present

PhD studies

State University “Dimitrie Cantemir”, Institute of Chemistry, Speciality 143.04 Bioorganic chemistry, chemistry of natural and physiologically active compounds

- Chemistry of natural compounds;
- History and the evolution of researches in chemistry;
- Modern techniques of researches in chemistry;
- Synthesis methods of polifunctional substances;
- Project management; etc.

Sep 2013-Jun 2015

Master’s degree

Chemical Technology and Biotechnologies, Industrial Technology of Drugs, Free International University of Moldova

- Processes and apparatus in pharmaceutical industry
- Industrial technology;
- Biotechnological productions; etc.

Sep2007–Jun 2011

University degree

Free International University of Moldova, Chemical Technology and Biotechnologies, Speciality
Pharmaceutical Technology, Chisinau (Moldova)

- Organic chemistry;
- Inorganic chemistry
- Physical and chemical methods of analysis;
- Phytochemistry of plant preparations;
- Pharmaceutical chemistry;
- Drug`s technology,etc.

2001–2004

College

National College of Medicine and Pharmacy, Medicine Profile, Specialty Assistant Hygienist -
Epidemiologist

1994–2001

High School Diploma

School of general culture nr. 87, Chisinau (Moldova)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A2	A2	A1	A1	A2
Russian	C2	C2	C2	C2	C1

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

Communication skills

- ability to listen to the interlocutors;
- capacity to inform myself via Internet sources or at the library;
- expressing ideas in a coherent and organized way.

Organisational / managerial skills

- capacity to make decisions quickly;
- competence to explain and clarify things to other people;
- planning own activities and accomplish them.

Job-related skills

- good capacity planning work;
 - assume responsibilities;
 - learn from other people;
 - work in a team or single;
 - capacity of quickly adaptation to new conditions;
 - ability to settle the conflicts in a calm and nice manner;
- maintain a friendly, pleasant and favorable atmosphere during work.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

Digital competences - Self-assessment grid

Good knowledge of the instruments:

- Microsoft Office (Word, Excel, Power Point, Paint);
- Adobe Reader;
- Photoshop;
- Spin Work;
- Chem Draw.

Other skills

- Sport: shaping.

 ADDITIONAL INFORMATION

Conferences

- The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy
- The International Conference PhD students from Moldova, Chisinau, 10.07.2019
- The XXXV-th National Conference of Chemistry, Calimanesti-Caciulata, Romania, 02-05.10.2018;
- The International Conference PhD students from Moldova, Chisinau, 15.07.2018;
- The 20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, Romania, 06-09.09.2017;
- The International Conference PhD students from Moldova, Chisinau, 15.07.2017;
- Workshop „Promovarea internaționalizării învățământului în Republica Moldova” 11-13.04.2017

Publications

1. **Blaja Svetlana.** Synthesis Of New Di- And Tri-Norlabdane Compounds With 2-Amino-1,3-Thiazole Units. Chemistry Journal of Moldova. vol.15, nr.2, 2019. <http://dx.doi.org/10.19261/cjm.2019.609>
2. **Blaja Svetlana.** Sinteza compușilor trinorlabdanici cu fragment tiosemicarbazonic și 1,3-tiazolic cu potențială activitate biologică. *The International Scientific Conference of PhD.* 10.07.2019, p.34-36.
3. **Blaja Svetlana.** Lidia Lungu, Alexandru Ciocarlan, Sergiu Shova, Aculina Aricu. Synthesis and characterization of new copper(II) complex with drimane thiosemicarbazone ligands. Conferința Internațională dedicată aniversării a 60 de ani de la fondarea Institutului de Chimie, or. Chișinău, Republica Moldova, la 9-11 octombrie 2019.
4. **Blaja S.,** Lungu L., Aricu A., Ciocarlan A. Synthesis of new potential active trinorlabdane compounds with 1,3-thiazole units. *The XXXV-nd Romanian Chemistry Conference,* Calimanesti-Caciulata, Romania, October 2-5, 2018, 6.
5. **Blaja S.** Sinteza compușilor trinorlabdanici cu fragment 1,3-tiazolic cu potențială activitate biologică. *The International Scientific Conference of PhD.* 15.07. 2018, p.95-99. (In Romanian)
6. Lungu L., Aricu A., **Blaja S.,** Ciocarlan A., Barba A.. Synthesis of New Potential Biologically Active Tetra- and Pentanorlabdane Compounds with 1,3-Thiazole Units. *20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, Romania,* Sep 6-9, 2017, S2- 52.
7. **Blaja S.,** Lungu L. Sinteza compușilor bisnorlabdanici cu fragmente 1,3-tiazolice, cu potențială activitate biologică. *The International Scientific Conference of PhD.* 15.07.2017. p.107-110. (In Romanian)

Projects

- Project STCU “Synthesis of new biologically active norlabdane compounds with heterocyclic units using agricultural wastes”, executor, 2018-2020.
- Project within the State Program “Design, targeted synthesis and study of antibacterial and antitumor activity of some chiral terpenic compounds and their complexes with transition metals”, executor, 2016-2017.

Scholarship

- World Federation of Scientists National Scholarship Programme