



# Iuliana Beșleaga

**Nationality:** Moldovan

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**Date of birth:** 09/07/1996

**Adress:** 1200 Vienna, Brigittenauer Lände, 224, nr. 6811

**Gender:** Female

## WORK EXPERIENCE

### Analytical chemist

**Flumed-Farm Ltd.**

10/02/2020 – 10/08/2020 – Chisinau, Moldova

*Main responsibilities:*

- performance of analytical testing for incoming, in-process and final products, and stability samples in accordance with current GLP, GMP, Occupational Safety and Health Administration (OSHA) policies and requirements;
- performance of maintenance, verification, calibrations, monitoring, and qualification of laboratory instruments;
- recording of the results, writing reports according to QC Management;
- performance of QC method qualifications, method development transfers and validations;
- writing and updating of SOPs and test methods.

### Chemist

**Farmaco JSC**

10/09/2018 – 07/02/2020 – Chisinau, Moldova

*Main responsibilities:*

- conducting chemical testing following set procedures, maintain accurate records of work and conduct all analysis following GMP and/or internal procedures;
- maintaining records of test results and analysis, elaboration of SOPs and other documents related to QC;
- undertaking the chemical analysis of raw materials, intermediates and products according to set procedures and methods as well as preparing reagents, mobile phase and solutions according to set procedures and pharmacopoeia methods.

### University research assistant

**University of Vienna, Institute of Inorganic Chemistry**

29/07/2019 – 01/11/2019 – Vienna, Austria

Group ao. Uni.-Prof. Vladimir Arion

*Field of activity:* Coordination Chemistry, Bioinorganic Chemistry

### Chemical Engineering Co-op

**Institute of Chemistry of the Academy of Sciences of Moldova**

01/10/2016 – 01/07/2018 – Chisinau, Moldova

Laboratory of Organic Synthesis and Biopharmaceutics

*Main responsibilities:*

- carrying out the research work at the level of the modern methodological requirements;
- presenting the reports about the results of the researches;
- dissemination of research results among the scientific community.

### Volunteer

**Local BEST (Board of European Students of Technology) Group Chisinau**

17/8/2015 – 18/12/2017 – Chisinau, Moldova

*Main responsibilities:*

- Coordinator of the Grants Working Group 2017-2018;
- Event Coordinator - Hackathon 2017;
- Vice-President for Relations with the Companies 2016-2017 (position in the Board);
- Companies Relations responsible at European BEST Engineering Competition 2016.

## EDUCATION AND TRAINING

### Master of Science (Chemical Sciences)

*The State University "Dimitrie Cantemir"*

01/09/2018 – 08/07/2020 – Chisinau, Moldova

General field of studies: **Fundamental Sciences**; program of study: **Chemistry**

Grade average: 9,77

### Bachelor of Science (Chemical Sciences)

*The State University "Dimitrie Cantemir"*

01/09/2015 – 20/06/2018 – Chisinau, Moldova

General field of studies: **Exact Sciences**; program of study: **Chemistry**

Grade average:

- licence examination 9,81
- overall grade 9,80

## LANGUAGE SKILLS

Mother tongue(s): **Romanian, Russian**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH B2	B2	C1	B2	B2	B2
GERMAN A1	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## CONFERENCES

- Scientific Conference for Students with the title "The Future Belongs to Us" - April 27-28, 2017; April 25, 2018; May 20, 2020
- 6th edition of the International Conference "Ecological Chemistry and Environmental Chemistry" - 2-3 March 2017
- International Conference "Materials Science and Condensed Matter Physics" - September 12-16, 2016

## PUBLICATIONS

- Besleaga I., Pogrebnoi S., Duca G., Macaev F., Synthesis of L-leucine amide with a fragment of ethylthiourea-phenyl-1,3,4-oxadiazole, Achievements of young scientists: chemical sciences, Russia, Ufa, May 17-20, p.70-71
- Ohui K., Stepanenko I., Besleaga I., Babak M.V., Stafi R., Darvasiova D., Giester G., Posa V., Enyedy E.A., Vegh D., Rapta P., Ang W.H., Popovic-Bijelic A., Arion V.B., Triapine derivatives act as cooper delivery vehicles to introduce deadly metal overload in cancer cells, Biomolecules, 2020, 10, 1336

## HONOURS AND AWARDS

President's scholarship (study year 2016-2017)

Scholarship of excellence 2017

## JOB-RELATED SKILL

- Digital Skills – good PC operation - Microsoft Office <sup>TM</sup> programs and advanced use of Google tools (Forms, Docs ect.); specialized softwares (ChemDraw, M-Nova, Origin, SpinWorks, Chem3D, etc.); various online services in looking for appropriate scientific articles (Sci-Finder)
- Working skills with specialized analysis tools (UV-Vis, IR, GC, HPLC, NMR).

## COURSES

- **"ICH Good Clinical Practice course"** - online course about clinical research, provided by X7 Research, Saint- Petersburg (Russia)
- **"Medicinal Chemistry: The Molecular Basis of Drug Discovery"** - online course about pharmacokinetics, metabolism and drugs design, provided by Davidson College, North Carolina (USA)
- **"Sustainable Management of the Nonprofit Organization"** - the first online Massive Open Course dedicated to NGOs in Romania (over 60 hours)
- **"Dairy Production and Management"** - an online course provided by Pennsylvania State University
- **"Nanotechnology: A Maker's Course"** - an online course provided by Duke University, North Carolina State University & The University of North Carolina at Chapel Hill (USA)