



Europass Curriculum Vitae

Personal information

First name(s) / **MARIANA-LUIZA CRĂCIUN**

Surname(s)

Address(es)

Mobile: 0785099042

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luiza.craciun@biotehnos.com

Nationality Romanian

Date of birth 11.03.1990

Gender feminine

Desired employment / **SC BIOTEHNOS SA**
Occupational field Research & Development Department

Work experience

Dates **01.03.2014-present**

Occupation or position Chemist

held Member of the research and execution team of three research projects financed by national programs: two programs Innovation and one POSCCE

Main activities and responsibilities Preparation and participation in laboratory experiments specific for biochemical and biotechnological research studies

Name and address of employer SC BIOTEHNOS SA, no.3-5 Gorunului street, OTOPENI

Type of business or sector BIOFARMACEUTICS AND COSMETICS/ Research & Development, Products Manufacturing

Dates **01.09.2012- 01.03.2014**

Occupation or position Reviewer Chemist, Quality Assurance Department
held

Main activities and responsibilities General training in quality with application in research, development specific documents (procedures, job descriptions), database management, internal audit, etc.

Name and address of employer Quality Assurance Department

Type of business or sector BIOFARMACEUTICS AND COSMETICS/ Research & Development, Products Manufacturing

Education and training

Dates **2015 – 2018 (current)**

Title of qualification awarded **Ph.D in biology – biochemistry**

Principal subjects/occupational skills covered Advanced university training

Name and type of organisation providing education and training Ovidius University, Constanta, Doctoral School of Applied Sciences, biology – biochemistry domain

Level of national or international classification Postgraduate

Dates **2012-2014**

Title of qualification awarded Master degree in chemistry (Luminescent lanthanide complexes with ligands derived from 2-carboxybenzaldehyde)

Principal subjects/occupational skills covered **Master in Medicinal Chemistry and Cosmetics**

Name and type of organisation providing education and training **University of Bucharest, Faculty of Chemistry**

Level of national or international classification Postgraduate

Dates **2009-2012**

Title of qualification awarded Licence in chemistry, Technological Biochemistry specialisation

Principal subjects/occupational skills covered Anorganic, analytical and organic chemistry, enzymology, microbiology, molecular biochemistry

Name and type of organisation providing education and training **University of Bucharest, Faculty of Chemistry**

Level of national or international classification **Universitary**

Dates **2005-2009**

Title of qualification awarded **High school diploma, certified operator pc**

Name and type of organisation providing education and training **National College 'Unirea' Turnu - Magurele, Teleorman, Scientific profile : mathematics-computer science**

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment <i>European level</i> (*)	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Skilled user	C1	Skilled user	B2	Medium user	B2	Medium user	B2	Medium user
French	B2	Medium user	B2	Medium user	B1	Medium user	B1	Medium user	B2	Medium user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences **Good communication and team-working skills**

Computer skills and competences **Microsoft Office(word, excel, power point, outlook), isis draw, chem draw, html, fox pro**

Additional information **December 2013**
ISO 9001 Intern Auditor Certificate
System of Quality Management ISO 9001 for intern audit
TÜV Rheinland Romania

Gained experience in national/ international programs:

1. 3 SEH/2013 - UEFISCDI INNOVATION PROGRAM Effectively impact on the foreign market of a Romanian high-tech innovative product in the algorithm to restore homeostasis in inflammatory, degenerative and rheumatic disease, Member of the research team;
2. 26 DPST/2013 - UEFISCDI INNOVATION PROGRAM Valorisation of entomological compounds effective in various degenerative diseases - the innovative capacity of SMEs on the authentic Romanian pharmaceutical market, Member of the research team;
3. 546/2013 POSCCE Innovative solutions to determine the extent of contamination by toxic waste, heavy metals and pesticides-in plant origin products plant origin, Member of the research team.
4. PN-III-P2-2.1-PTE-2016-0160/ CTR 49- Prototype for pharmaceutical products with controlled drug release based on chitosan - zeolite composite, Member of the research team;
5. PN-III-P2-2.1-PTE-2016-0166/ CTR 21- Prototypes for a biopesticide and an antimycotic product based on vegetal biocomplexes obtained through superior exploiting biotechnologies of Solanum species and Camelina sativa, Member of the research team.

1. M. Calinescu, L. Craciun, M. Ilis, B. Jurca – „Synthesis and characterization of new luminescent complexes of trivalent lanthanides with 2-carboxybenzaldehyde-2-benzothiazolyl hydrazone and heterocyclic bases”, International Conference of Physical Chemistry ROMPHYSICHEM 15, (2013).
2. M. L. Craciun, L. Olariu, M. D. Ene, L. Zglimbea – „In vitro modulation of enzymatic processes using biologic active substances with relevance for cancer therapy”, FEBS Journal 281 (Suppl. 1) (2014) 65–783.
3. L. Olariu, V. Drumea, M. L. Craciun – “Innovative solutions to determine the extent of contamination by toxic residues, heavy metals and pesticides in products of plant origin - significant impact in food security and sustainable agriculture”, OIDA International Conference on Sustainable Development, 2015.
4. A. Văcaru, A.M. Văcaru, L. Crăciun, L. Olariu – „Rabbit primary chondrocyte-based model for testing the therapeutic potential of natural compounds for osteoarthritis”, SRBBM, 2015.
5. Luiza M. CRACIUN, Ana M. VACARU, Diana M. ENE, Andrei M. VACARU, Laura OLARIU, Natalia ROSOIU – “pH influence on different bovine testicular hyaluronidase determination assays”, Academy of Romanian Scientists, Annals Series on Biological Sciences, 5(1), 2016. (paper and oral presentation)
6. M. Craciun, L. Olariu, B. Dumitriu, N. Rosoiu – “Molecular mechanisms involved in inflammation modulated by vegetal active principles”, The FEBS Journal 283 (Suppl. 1) (2016), pag. 355.
7. D. M. Ene, N. Pyatigorskaya, A. Pavlov, B. Dumitriu, L. M. Craciun, L. Olariu – “Cellular oxidative processes relevant for articular degenerative pathologies modulated by an active extract from small sea fish””, The FEBS Journal 283 (Suppl. 1) (2016), pag. 385.
8. PhD. CP II Laura OLARIU, PhD. Brîndușa DUMITRIU, PhD. Diana Manuela ENE, PhD student Luiza Mariana CRĂCIUN, Prof. univ. PhD. Natalia ROȘOIU – “The small sea fish extract – active antioxidant agent in cellular processes associated with joint degenerative pathologies”, AOSR , Autumn Scientific Session, 22-24 sept. 2016.
9. PhD. CP II, Laura OLARIU, PhD. Brîndușa DUMITRIU, PhD student Luiza Mariana CRĂCIUN, Prof. univ. PhD. Natalia ROȘOIU – “Pro-inflammatory cytokines cascades modulated by *Salvia officinalis*, *Asculum hippocastanum* and *Calendula officinalis* bioactive extracts”, AOSR , Autumn Scientific Session, 22-24 sept. 2016 (oral presentation).