



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Iuliana CREȚESCU**

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Nationality Romanian

Date of birth 05.07.1973

Gender female

Desired employment / Occupational field Victor Babes University of Medicine and Pharmacy, Timișoara, Department of Functional Sciences

Work experience

Dates 2014-present

Occupation or position held Lecturer

Main activities and responsibilities Cours on Physics;
Seminars on: Biophysics, Physics and Biophysics, Medical Biophysics;

Name and address of employer Victor Babes University of Medicine and Pharmacy, Splaiul Tudor Valdimirescu no 14, 300173 Timișoara, Timiș county, Romania.

Type of business or sector Didactical activities and scientific research

Dates 2003 - 2014

Occupation or position held Assistant professor

Main activities and responsibilities Seminars on: Biophysics, Physics and Biophysics, Biophysics and agrometeorological, Molecular Biology, Immunogenetics and immunomodulation of animal productions, General Microbiology, Analytical Chemistry and Instrumental Analysis, Genetic Engineering; from 2006-2014 Head of Biophysics, sections Animal Sciences, Biotechnologies, Fish farming and Genetic Engineering (2008/2009);

Name and address of employer Banat's University of Agricultural Sciences and Veterinary Medicine Timișoara, Calea Aradului St. 119, 300645, Timișoara, Timiș county, Romania.

Type of business or sector	Didactical activities and scientific research
Dates	1999 - 2003
Occupation or position held	Assistant
Main activities and responsibilities	Seminars on: Biophysics, Physics and Biophysics,
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine Timișoara, Calea Aradului St. 119, 300645, Timișoara, Timiș county, Romania.
Type of business or sector	Didactical activities and scientific research
Education and training	
Dates	1999 - 2006
Title of qualification awarded	Ph.D. in Animal Sciences
Principal subjects/occupational skills covered	Title of thesis: „Researches on the fluid mechanics at the digestive tube level in small ruminants” Biophysics, Nutrition, Digestive adaptation in ruminants, Biophysical processes that take place in the digestive tract in small ruminants;
Name and type of organisation providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine Timișoara,
Level in national or international classification	ISCED6
Dates	1998-1999
Title of qualification awarded	Master in "Molecular biology in agriculture"
Principal subjects/occupational skills covered	Recombinant DNA technology, Monoclonal antibody production techniques, Selection assisted by molecular markers, Microorganism genetics, Macromolecule isolation techniques
Name and type of organisation providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine Timișoara
Level in national or international classification	ISCED5
Dates	1993-1998
Title of qualification awarded	Faculty of Animal Sciences and Biotechnologies, Biotechnologies specialization, Biotechnology engineer diploma
Principal subjects/occupational skills covered	Fundamental disciplines: Biophysics, Biochemistry, Mathematics, Statistics, Genetics, Cell biology, Anatomy, Physiology, Reproduction, IT, Microbiology, Immunology, etc.. Specialized disciplines: DNA recombinant technology, Poultry, pigs, horses, sheep, and cattle technologies, Biotechnology of combined forages production, Vegetal biotechnology, Special microbiology, Bioreactors, Peptides and vaccines etc.
Name and type of organisation providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine Timișoara
Level in national or international classification	ISCED5
Dates	1991-1996
Title of qualification awarded	Faculty of Physics, West University Timisoara, Degree in Physics, Theoretical Physics Specialization
Principal subjects/occupational skills covered	Fundamental disciplines: Mechanics and acoustics, Thermodynamics and molecular physics, Optics, Electricity and magnetism, Electronics, Statistical physics, Electrodynamics and relativity theory, Mathematical analysis, Algebra, Differential equations, Functional analysis, Automatic processing of physics data, Nuclear physics, Theoretical mechanics , Atom and molecule physics etc.. Specialized disciplines: Quantum physics, Liquid state physics, Spectroscopy and lasers, Computational physics, Quantum field theory, Many-body, Subnuclear cosmology, Special mathematics, Gauge theories, Astronomy etc.
Name and type of organisation providing education and training	West University Timisoara

Level in national or international classification	ISCED5				
Personal skills and competences					
Mother tongue(s)	Romanian				
Other language(s)					
Self-assessment	Understanding		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	A2	B1	B2
French					
	(*) <i>Common European Framework of Reference for Languages</i>				
Social skills and competences	Team spirit: I worked in teams of scientific research; Rapidly relating skills gained working in higher education				
Organisational skills and competences	I have been part of the organizing committee of the Annual Scientific Symposium at the Faculty of Animal Sciences and Biotechnologies during 2004-2014 and the organizing committee of Scientific Symposium at the Department of Exact Sciences of USAMVB.				
Technical skills and competences	Utilization of specific laboratory equipment and facilities, skill acquired in the doctoral program and research activity.				
Computer skills and competences	Utilization of Microsoft Office programs (Word, Excel, PowerPoint)				
Driving license	Driving license B, C				
Additional information	<p>Scientific publications and teaching:</p> <ul style="list-style-type: none"> - Published 140 scientific papers in specialized journals - Popularization articles in specialty magazines: 6 - Practical guide books: 2 <p>Member in 4 research contracts</p> <p>Member of scientific societies and professional associations:</p> <ul style="list-style-type: none"> - Romanian National Society of Pure and Applied Biophysics (RNSPAB) - National Society for Cell Biology (NSCB) 				