

<p align="center">Curriculum vitae Europass</p>			
<p align="center">Personal information</p>			
<p>Name / First name</p>	<p>PETOLESCU CERASELA MIORITA</p>		
<p>Address</p>	<p>-</p>		
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<p>E-mail</p>	<p>ceraselapetolescu@usvt.ro; ; cerapetolescu@yahoo.com</p>		
<p>Nationality</p>	<p>Romanian</p>		
<p>Date of birth</p>	<p>30.11.1969</p>		
<p>Sex</p>	<p>Female</p>		
<p align="center">Professional experience</p>			
<p>Period</p>	<p>2012-present</p>		
<p>Position occupied</p>	<p>LECTURER</p>		
<p>Main activities and responsibilities</p>	<p>Teaching and research activity in the field of molecular biology, genetic engineering and biotechnologies, with applications in agriculture; coordination of the drafting of bachelor and dissertation projects</p>		
<p>Name and address of employer</p>	<p>"KING MICHAEL I" UNIVERSITY OF LIFE SCIENCES Timișoara, Faculty of Engineering and Applied Technologies, Romania, 300645, Calea Aradului 119</p>		
<p>Type of business or sector</p>	<p>Higher education</p>		
<p>Period</p>	<p>2018-2020</p>		
<p>Function or post held</p>	<p>Expert support - Project " Trainee - Internship in Agriculture"</p>		
<p>Main activities and responsibilities</p>	<p>Organizing information campaigns for students from 3 faculties (resp sub-activity); Assisting Target Group (TG) experts in recruiting, selecting and enrolling students in the TG; Providing support to Advising Experts in carrying out the advising activity; Responsible for the DU-IN system; Responsible for organizing meetings with potential employers, signing Collaboration Agreements with them, signing agreements with Practice Partners (PP); Organizing Job Fair; Responsible for the organization of activities for the development of competences of the WG members, as well as the necessary workshops; Facilitating the liaison between the PP and the university for the signing of the Internship Agreements; Preparing the meetings between tutors and students (Internship Offers Fair); Ensuring the communication between the PP, tutors, students and the management team; Member of the selection/ evaluation committee of students; Evaluation of the scientific work done by the students;</p>		

Name and address of employer	USAMVB Timișoara, Faculty of Horticulture and Forestry, Romania, 300645, Timișoara, Calea Aradului 119
Type of business or sector	Research
Period	2017-2018
Function or post held	Genetic resources expert; Project: "Joint project for conservation and sustainable use of plant genetic resources from border areas as consequences of climate change"
Main activities and responsibilities	Planning and conducting experiments and analyzing results, coordinating in the collection, handling, preparation and processing samples; Assisting in the development of reports, fact sheets, brochures, leaflets, booklets, guides and videos that promote and explain the objectives and strategies for conservation of plant genetic resources; Participating in data analysis; Preparing the necessary documentation for the establishment of the genebank. Attending project events as per the project's grant application and working meetings planned within the project;
Name and address of employer	USAMVB Timișoara, Faculty of Horticulture and Forestry, Romania, 300645, Timișoara, Calea Aradului 119
Type of business or sector	Research
Period	2007 - 2012
Function or post held	University assistant
Main activities and responsibilities	Teaching and research activity in the field of molecular biology, genetic engineering and biotechnologies, with applications in agriculture; Organization and RENAR accreditation of the Molecular Genetics Laboratory (certificate LI 812/2009), with the object Detection and Quantification of GMOs; research and publication in the fields of competence; coordination of the preparation of diploma projects
Name and address of employer	USAMVB Timișoara, Faculty of Horticulture and Forestry, Romania, 300645, Timișoara, Calea Aradului 119
Type of business or sector	Higher education
Period	2011-2012
Function or post held	Scientific assistant; Project: "Biosensing of heavy metal pollution at both sides of Romanian and Hungarian border by agriculturally important capsicum plant";
Main activities and responsibilities	Participation in project events according to the grant application and in the working meetings foreseen in the project; Coordination in the collection, handling, preparation and processing of samples; Planning of specific project activities; Organization of working meetings, conferences; Assistance in the elaboration of reports, time-sheet;
Name and address of employer	USAMVB Timișoara, Faculty of Horticulture and Forestry, Romania, 300645, Timișoara, Calea Aradului 119
Type of business or sector	Research
Period	2011-2012
Function or post held	Molecular analysis expert; Project: Szeget -"Timisoara axis for the safe food and feed"
Main activities and responsibilities	Establishment of genetic fingerprinting of the two selected alfalfa varieties - DNA extraction and molecular marker fingerprinting (RAPD, ISSR); Establishment of the algorithm for calculation / statistical interpretation of the data and establishment of the degree of genetic similarity of the two analyzed alfalfa varieties; Testing the tolerance to heavy metals (Pb, Cd, Cu and Fe) of the two selected alfalfa varieties based on the results obtained previously; Final evaluation of the alfalfa plants according to the treatment applied - determination of fresh and dry plant mass and supply of dry samples to the laboratory in Szeged for the determination of macro and micro elements; Preparation of the results for the final report .
Name and address of employer	USAMVB, Faculty of Horticulture and Forestry, Romania, 300645, Timișoara, Calea Aradului 119
Type of business or sector	Research

Education and training	
Period	2012-2013
Qualification / diploma obtained	Postgraduate specialization/diploma
Principal subjects studied / professional competences acquired	Specialization in Biochemistry and Molecular Biology; Financial and administrative management; Strategic and decision-making management in the laboratory; Quality management in the organization of laboratory activities.
Name and type of education / training provider	Vasile Goldiș University of Arad, Faculty of Natural Sciences, Engineering and Informatics
Period	2007 - 20012
Qualification / diploma obtained	Doctoral student
Principal subjects studied / professional competences acquired	Research activity in the field of molecular biology, genetic engineering and biotechnologies, with applications in agriculture; research and publication in the fields of competence.
Name and type of education / training provider	USAMVB Timișoara, Faculty of Horticulture, Romania, 300645, Timișoara, Calea Aradului 119
Period	2003-2007
Qualification / diploma obtained	PhD student
Main subjects studied / professional competences acquired	Research activity in the field of molecular biology, genetic engineering and biotechnologies, with applications in agriculture; research and publication in the fields of competence.
Name and type of education / training provider	USAMVB Timișoara, Faculty of Horticulture and Forestry, Romania, 300645, Timișoara, Calea Aradului 119
Period	06-09.2006
Qualification / diploma obtained	PhD student
Main subjects studied / professional competences acquired	Research activity - Plant Physiology, Bioremediation, Micropropagation, Biotechnologies. Specialization in Agricultural Production Quality Management
Name and type of education / training provider	SZEGED University - Discipline of Plant Physiology - within the PHARE Project - Cross-border scientific and educational partnership on optimizing the quality management of agricultural production in the western part of Romania
Period	06.2005
Qualification / diploma obtained	PhD student
Main subjects studied / professional competences acquired	Research Activity - Plant Physiology, Bioremediation, Micropropagation, Biotechnologies. Specialization in Plant Genetic Resources Management
Name and type of education / training provider	SZEGED University - Discipline of Plant Physiology - within the PHARE Project - PHARE Cross Border Cooperation / The transfrontalier co - operation, a premise for achievement of an integrated common framework for the management of the plant genetic resources, RO2003/005.702.02
Period	09.2003
Qualification / diploma obtained	PhD student
Principal subjects studied / professional competences acquired	Research activity - Methods for evaluation and quantification of gene expression, DNA extraction methods. Specialization in Genetically Modified Plants (GMOs) - " <i>Achievements and Perspectives in Biology</i> "
Name and type of education / training provider	University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara

Period	09. 2002							
Qualification / diploma obtained	Specialization in Genetically Modified Organisms (GMOs) - " <i>Achievements and Perspectives in Biology</i> "							
Principal subjects studied / professional competences acquired	DNA extraction methods, detection of the presence of transgenes by PCR or ELISA techniques, quantification of GMOs (RT-PCR)							
Name and type of education / training provider	University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara							
Period	10.2002 - 02.2004							
Qualification / diploma obtained	Master Engineer / master's degree in Plant Genetic Manipulation							
Principal subjects studied / professional competences acquired	Genetic transformation in plants, in vitro culture, plant physiology, biotechnology, genetic engineering, genetic mapping and gene mapping - skills in DNA investigation methods, genetic manipulation in plants							
Name and type of education / training provider	University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara							
Period	1997- 2002							
Qualification / diploma obtained	Dipl. engineer							
Principal subjects studied / professional competences acquired	Molecular biology, in vitro plant cultures, genetic engineering in agriculture, plant and industrial biotechnology, inorganic chemistry, organic chemistry, analytical chemistry, mathematics, biophysics, biochemistry, enzymology, genetics, microbiology, virology, genetic engineering, genetic markers, biotechnology/ Technical skills in biotechnology/ core, complementary and optional subjects according to the curricula promoted for continuous professional training and shaping;							
Name and type of education / training provider	University of Agricultural Sciences and Veterinary Medicine of Banat, Faculty of Horticulture, Timișoara							
Personal skills and competences								
Mother tongue(s)	Romanian							
Foreign language(s) known	English							
Self-assessment	Deal			Speaking			Write	
<i>European level (*)</i>	Listening		Read	Join the conversation		Oral speech		Written expression
English	B2	Basic user	B2	Independent user	B2	Basic user	B2	Basic user
	<i>(*) Common European Framework of Reference for Foreign Languages level</i>							
Organizational skills and competences	Standard psycho-pedagogical managerial skills specific for the teaching activity imposed by the structuring, coherent scheduling of teaching and research activities within the disciplines of which they are the holder; Organizational experience gained in research projects and during the organization and accreditation of the Molecular Genetics Laboratory.							
Technical skills and competences	Use of laboratory equipment							
Computer skills and competences	Computer skills: Word, Excel, PowerPoint							
Driving license(s)	B							
Further information								

Membership of professional associations/technology platforms	<ul style="list-style-type: none"> - member of the Romanian Society of Biochemistry and Molecular Biology - member of the Romanian Society of Cell Biology, Timisoara branch - member of SIMAR-EurAgEng - member of SIMAR-CIGR - member of ACMV
Scientific teaching/research interests	<ol style="list-style-type: none"> 1. Plant Biotechnologies 2. Phytopharmaceutical Biotechnologies 3. Modern Biotechnologies 4. Horticulture

Timisoara 25.02.2025

Lecturer dr. PETOLESCU CERASELA MIORIȚA

