

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Alexandra IVAN**
Work Address(es) University of Medicine and Pharmacy, Piata Eftimie Murgu, 1, Timisoara, Romania
Telephone(s) 0040/760241445
E-mail alexandraivan@yahoo.com alexandrableman@yahoo.com,
Nationality Romanian
Date of birth 13 August 1981

Work experience

Dates **2013-ongoing**
Occupation or position held Lecture
Name and address of employer General Biology, Department of Functional Sciences, University of Medicine and Pharmacy Victor Babes, Piata Eftimie Murgu, 1, Timisoara, Romania

Dates **2009 – ongoing**
Occupation or position held **Researcher**
Name and address of employer University of Medicine and Pharmacy Victor Babes, Piata Eftimie Murgu, 1, Timisoara, Romania

Dates **2009 – 2011**
Occupation or position held **Researcher**
Department of Biotechnology, Field of Developmental biotechnologies and animal reproduction, Faculty of Animal Sciences and Biotechnology, Banat's University of Agricultural Science and Veterinary Medicine, Timisoara, Romania

Dates **2007-2009**
Occupation or position held **Research assistant**
Name and address of employer Genetics Department, Banat's University of Agricultural Science and Veterinary Medicine, Timisoara, Romania

Education and training

Dates **2010- 2013**
Title of qualification awarded **Postdoctoral position**
Principal subjects/occupational skills Cellular and molecular biotechnologies for medical applications
Name and type of organisation providing education and training Department of Functional Sciences, University of Medicine and Pharmacy Victor Babes, Piata Eftimie Murgu, 1, Timisoara, Romania

Dates **2010**
Titles and qualification awarded **Postdoctoral position**
Principal subjects/occupational skills Australian Endeavor Award Research Fellowship
Name and type of organisation providing education and training Royal Childrens Hospital, Murdoch Childrens Research Institute, Cancer and Disease Epigenetics, Flemington Road, Parkville, Melbourne, Australia

Dates **2005-2009**
Title of qualification awarded **PhD**
Principal subjects/occupational skills Assessment of mammalian embryo viability by morphological criteria and staining tests
Name and type of organisation providing education and training Biotechnology Department, Faculty of Animal Sciences and Biotechnology, Banat's University of Agricultural Science and Veterinary Medicine, Timisoara, Romania

Dates **2004-2006**
Title of qualification awarded **Master degree (MS)**

Principal subjects/occupational skills | Genetic engineering and biotechnologies

Name and type of organisation providing education and training | Banat's University of Agricultural Science and Veterinary Medicine, Specialisation: Genetic Engineering, Biotechnology Department, Timisoara, Romania

Dates | **1999-2004**

Title of qualification awarded | **Biotechnology Engineer**

Name and type of organisation providing education and training | Banat's University of Agricultural Science and Veterinary Medicine, Faculty of Animal Sciences and Biotechnology, **Biotechnology Section, Specialisation: Microbial Biotechnology**, Timisoara, Romania

Other training courses

Dates | **2011 (September)**

Principal subjects/occupational skills | **FRET Microscopy as a Tool for Functional Imaging and Quantitative Analysis**, Quantitative Biology Center, Tissues and Center for Genomic Regulation, Barcelona, Spain

Dates | **September –October 2010**

Principal subjects/occupational skills | **Courses: Management of research, Biochemistry Institute of Romanian Academy**
Certificate no. OBBCSSR 390/20.10.2010 **Molecular basis of viral infection, Biochemistry Institute of Romanian Academy**
Certificate no. OBBCSSR 390/20.10.2010 **Protein procession and degradation in normal and pathologic conditions, Biochemistry Institute of Romanian Academy**

Dates | **June 2009-June 2010**

Principal subjects/occupational skills | **Research activities:** Embryonic and mesenchymal stem cells differentiation to pancreatic cells, primary cell culture initiation, RNA extractions, RT-PCR, Real time PCR, Flowcytometry, Imunochemistry, Faculty of Medicine –Victor Babes, Immunology and Biotechnology Laboratory within the County Hospital from Timisoara, Romania

Dates | **November 2007**

Principal subjects/occupational skills | Certificate no. 51/8.11.2007 Workshop Regenerative medicine, Stem Era (practical training in flowcytometry, microarray, real time PCR), Faculty of Medicine „Victor Babes”, Timisoara, Romania

Dates | **October 2007**

Principal subjects/occupational skills | Certificate no. 15/23.10.2007, Cell biology and molecular biology in the XXI century medicine, 7-th edition, Romanian Academy and Institute of cell biology and pathology Nicolae Simionescu, Bucharest, Romania

Dates | **September 2007**

Principal subjects/occupational skills | Summer school Nanotechnology vision and strategy, Institute of electrochemistry and condensed mater and IMT Bucharest

Dates | **March 2007**

Principal subjects/occupational skills | Professional training in Molecular biology, Cereal research Non—profit Company, Szeged Hungary

Personal skills and competences

Mother tongue(s) | **Romanian**

Other language(s)

Self-assessment
European level ()*

English Language
Hungarian Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user.	C1	Proficient user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Basic user

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Computer skills and competences

Good command of Adobe Photoshop, IPA (Ingenuity System Pathway Analysis), Gene Ontology (Gorrila, David), Quick Photo Micro 2.2., R script

Research projects

2007-2008

Principal investigator – Project CNCSIS 44 GR/23.05.2007, Assessment of mammalian embryos viability using non invasive and no time consuming methods.

2014-2015

Researcher - PN2/PT PCCA-2011-3.2-1336 - Translating stem cells technologies to the conservation of highly endangered species (*CONSENS*).

2013-2015

Researcher - HURO/1101/173/2.2.1, - Integrated Trans-border Research Platform for Identification of Cellular Processes as Potential Targets for Personalized Cancer therapy

2009 -2010

Researcher PN2/CNCSIS IDEI – Studies regarding the in vitro differentiation of mesenchymal stem cells toward the adipogenic lineage and validation of molecular factors involved in adipogenesis

2009-2011

Researcher – PN2/CNCSIS 1088/2009 - Morphometric and viability studies of mammalian embryos,

2008-2011

Researcher – Project PNCDI II – 3257, Researches to identify and to make available the Trichogramma bioforms for agricultural and forest ecosystems, impact and management of bioactive nanomaterials use in the oophag propagation technology

2007-2010

Researcher – Project SanderBiot PNCDI II 61-020/2007, Implementing some biotechnologies of reproduction for pikeperch in order to improve productive potential at this specie.

2007-2008

Research assistant – Project 44GR/2007/1180, Comparative complex biological study of several *Robinia pseudocacia* valuable genotypes. *Robinia pseudocacia* var. *Oltetica*: clone or variety?

2005-2007

Research assistant – Project CEEEX 37- Matnatech, Obtaining of TiO₂ nanocrystals doped with metallic ions by alternative methods. Studies of their application for health, biology and environment

2005-2007

Research assistant – Project CEEEX 18- Biotech, Obtaining of several nanocomposite/nanocrystals with applications on biotechnologies, agriculture, food industry and environmental protection.

Additional information

Member of the Scientific societies and Professional partnerships

National Society of Cellular Biology (SNBC); EuroScience, Australia Awards Alumni Network