



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **SIMONA IOANA VICAȘ**

Address(es)

Telephone(s)

Mobile:

E-mail

Nationality Romanian

Date of birth

Gender Female

Desired employment / Occupational field

Work experience

Dates **2009-present**

Occupation or position held **Associate professor**

Main activities and responsibilities Teaching, Research activity

Name and address of employer University of Oradea, Faculty of Environmental Protection, 26 General Magheru, postcode 410048

Type of business or sector University

Dates **1997-1998; 1998-2002; 2002-2009**

Occupation or position held **Preparatory, assistant, lecturer**

Main activities and responsibilities Teaching, Research activity

Name and address of employer University of Oradea, Faculty of Environmental Protection, 26 General Magheru, postcode 410048

Type of business or sector University

Education and training

Dates **2011-2013**

Title of qualification awarded **Postdoctoral research fellowship**

Principal subjects/occupational skills covered *Genomics, Proteomics, Metabolomics si Bioinformatics*: Molecular markers for food authentication

Name and type of organisation providing education and training Institute of Biochemistry, Postdoctoral Program EUROPEAN SOCIAL FUND
Cellular and Molecular Biotechnologies for Medical Applications, Bucharest

Dates **2002-2007**

Title of qualification awarded **PhD Degree in Biotechnology**

Principal subjects/occupational skills covered The title of PhD thesis: *Biochemical analysis and evaluation of some flavonoids activity*, PhD supervisor: Prof. Carmen Socaciu)

Name and type of organisation providing education and training	University of Agricultural Science and Veterinary Medicine Cluj Napoca, Romania
Dates	April 2006-October 2006
Title of qualification awarded	Postdoctoral research fellowship
Principal subjects/occupational skills covered	Cytotoxicity assessment of vegetable extracts on suspension cells by MTS assay, Agarose gel electrophoresis of DNA
Name and type of organisation providing education and training	Kobe University, Japan, Faculty of Agriculture, Department of Biofunctional Chemistry, Laboratory of Food & Nutritional Chemistry
Dates	2004-2005
Title of qualification awarded	Master Degree in Teacher Training
Name and type of organisation providing education and training	University of Oradea, Romania
Dates	1995-1996
Title of qualification awarded	Master Degree in Molecular Biology
Name and type of organisation providing education and training	University of Bucharest, Romania
Dates	1990-1995
Title of qualification awarded	Bachelor of Science Degree in Biochemistry
Name and type of organisation providing education and training	Faculty of Biology, University of Bucharest, Romania

Personal skills and competences

Mother tongue(s)	Romanian				
Other language(s)	English (1)				
Self-assessment	Understanding		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
Language	1 B2	1 B2	1 B2	1 B2	1 B2

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

Relevant Manuscripts

Vicas SI, Bandici L., Teusdea A, Turcin V., Popa D., Bandici G., 2017, The bioactive compounds, antioxidant capacity, and color intensity in must and wines derived from grapes processed by pulsed electric field. *CyTA – Journal of Food*, 15 (4), 553–562

Vicas S.I., Teusdea A., Carbutar M., Socaci S., Socaciu C., 2013, Glucosinolates Profile and Antioxidant Capacity of Romanian *Brassica* Vegetables obtained by Organic and Conventional Agricultural Practices”, *Plant Foods for Human Nutrition*, 68 (3), 313-21

Socaci S., C Socaciu, C Mureşan, A Fărcaş, Ma Tofană, **Vicaş S.I.**, A Pinteau, 2014, Chemometric Discrimination of Different Tomato Cultivars Based on Their Volatile Fingerprint in Relation to Lycopene and Total Phenolics Content”, *Phytochemical Analysis*, 25 (2), 161-169

Vicaş S., Rugina D., Leopold L., Pinteau A., Socaciu C., 2011 HPLC Fingerprint of Bioactive Compounds and Antioxidant Activities of *Viscum album* from Different Host Trees, *Notulae Botanicae*, 39 (1), 48-57.

Vicaş S., Chedea V., Socaciu S., 2011 Inhibitory effects of isoflavones on soybean lipoxygenase-1 activity, *Journal of Food Biochemistry*, 35, 613-627.

Vicas S., Rugina D., Socaciu C., 2011 Comparative Study about Antioxidant Activities of *Viscum Album* from Different Host Trees, Harvested in Different Seasons, *Journal of Medicinal Plant Research* , 5(11), 2237-2244.

Vicas S., Prokisch J., Rugina D., Socaciu C., 2009, Hydrophilic and Lipophilic Antioxidant Activities of Mistletoe (*Viscum album*) as determined by FRAP method, *Notulae Botanicae* , 37 (2), 112-116

Vicas SI., Teusdea A., Popa D., Bandici G., Bandici L. (2016). Obtaining high quality white and red wines by homogenization and treating grapes in pulsed electric field. Environmental Influence on the food quality and human health. M. Dzuga, A. pasternakiewicz, M. Wesolowska (Eds.). ISBN 978-83-7996-409-3, pp.73-84.

Vicas SI., Teusdea A., Laslo V. (2015). The changes of some secondary metabolites from fruits and vegetables grown under organic and conventional agricultural practices, in *Green Education for a Green Economy*, Ed. Universitatii din Oradea, ISBN 978-606-10-1512-2 , pp.147-159.

Vicas S. I., Rugina D. and Socaciu C. (2012). Antioxidant Activity of European Mistletoe (*Viscum album*), *Phytochemicals as Nutraceuticals - Global Approaches to Their Role in Nutrition and Health*, Dr Venketeshwer Rao (Ed.), ISBN: 978-953-51-0203-8, InTech.

Chedea VS, **Vicaş S. I.**, Socaciu C., Nagaya T., Ogola H.J.O., Yokota K., Nishimura K., Jisaka M. (2012). Lipoxygenase-Quercetin Interaction: A Kinetic Study Through Biochemical and Spectroscopy Approaches, *Biochemical Testing*, Dr. Jose C. Jimenez-Lopez (Ed.), ISBN: 978-953-51-0249-6, InTech.

The chapter in international books

The projects

NATIONAL PROJECTS

	Role	Years
PN III-P2-2.1-PED-2016-1846/2017 Nanoparticule de seleniu îmbogățite cu probiotice ca alimente funcționale împotriva toxicității induse de metale grele	Manager	2017-2018
PN-III-P2-2.1-CI-2017-0064 Transfer tehnologic pentru obtinerea unor produse terapeutice inovative pe baza de nanopolis Contract nr. 86CI/2017	Member	2017
PN-III-P2-2.1-CI-2017-0428 Optimizarea procesului tehnologic de obținere a unor suplimente naturale inovatoare cu impact pozitiv asupra sănătății umane	Member	2017
PN-II-PT-PCCA-2013-4-2225 Electromagnetic methods for improving processes winery. Contract 170/2014	Member	2014-2016
PN-II-IN-CI-2013-1-0015 Obtaining nutritional supplements from vegetables products with antioxidant effect. Contract 198CI/2013	Member	2013-2014
PN-II-IN-CI-2013-1-0080 Innovative technologies feeding of broiler turkeys based on the use of alternative sources of protein available anti-nutritive substances	Member	2013-2014
PN-II-IN-CI-2012-1-0295 Optimization of food supplement with antioxidant and antitumoral effects	Manager	2012-2013
PN-II-IN-CI-2012-1-0327 Obtaining tea from unconventional vegetable sources rich in bioactive compounds	Manager	2012-2013
PN-II-IN-CI-2012-1-025 Establishing technology of obtaining juices with high antioxidant properties. Contract 153CI/2012	Member	2012-2013
PN-II-IN-CI-2012-1-0257 Study of cultivation and utilization efficiency in poultry diets of free alkaloid lupine varieties	Member	2012-2013
PN – II – ID – PCE – 2008 – 2 , Assessment of in vitro antioxidant and anticancer effects of European mistletoe extract (<i>Viscum album</i>) characterized by taxonomic markers	Manager	2009-2011
PN – II – ID – PCE – 2008 – 2 , Study and optimization of the technological and nutritional factors in order to obtain functional foods enriched in omega-3 polyunsaturated fatty acids and CLA (conjugated linoleic acid) in sheep	Member	2009-2011
Proiect MEC – Interdisciplinary Laboratory for analysis of risk factors in agriculture, forestry and environment	Member	2006– 2008
Grant CNCSIS, cod 758 – Advanced methods of detection and analysis of biochemical marker of quality control and authenticity of origin of functional foods	Member	2004-2006

Erasmus mobility

University of Debrecen, Hungary (from 2007 –2016)– Teaching Staff and Training staff - the field: Biochemistry

University of Rzeszow, Poland – Teaching Staff (from 2015-2018) –the field: Food Technology

CEEPUS III

University of Rzeszow, Poland (2018)

Post University Course

2009 - PhD Course: Biomolecular Interactions by Experimental Methods, november 2-6, Brno, Czech Republic

2009 - Certificate of Attendance – FEBS workshop „Education in Biochemistry”, 30 september.

2010 - Certificate of Attendance – Transylvania Summer School in Chromatography, 14-20 July, Cluj-Napoca,

2009 - Certificate of Completion, Cell culture Seminar, 29 April, 2009, Bucharest

2011 - Certificat de absolvire-Manager de proiect, 2011

Social skills and competences	Teamwork, good communication skills and organizational capacity analysis. Handling ability of some research equipments.
Organisational skills and competences	Project manager and members of research national projects Member of organization committees of some national and international scientific events
Computer skills and competences	Microsoft Windows Xp, 7, Microsoft Office (Word, Excel, Power Point, Access), Origin 7, EndNote, Shimadzu LC Solution Software, Graph Prism 5
Driving licence	B category