



**Europass
Curriculum Vitae**



Personal information			
Surname(s) / First name(s)	Sumalan Radu-Liviu		
Address(es)	Str.Bujorilor nr 15, Cerneteaz, Timis-home Str. Calea Aradului nr.119, 300645, Timisoara- at University		
Telephone(s)	+40256424232	Mobile	+40723547363
Fax(es)	+40256424232		
E-mail	sumalanagro@yahoo.com ; plantphysiology.ro@gmail.com		
Nationality	romanian		
Date of birth	20.08.1965		
Gender	male		
Desired employment / Occupational field	Higher education, researches project coordinator and implementation		
Work experience			
Dates	2007-present		
Occupation or position held	Full Professor , PhD. Coordinator, Post doc coordinator		
Main activities and responsibilities	Higher education and research activities		
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine"King Michael I st of Romania" from Timisoara, Str. Calea Aradului, no.119, 300645		
Type of business or sector	Educational and research		
Dates	2000-2007		

Occupation or position held	Associate professor
Main activities and responsibilities	Higher education and research activities
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Str. Calea Aradului, no.119, 300645
Type of business or sector	Educational and research
Dates	1995-2000
Occupation or position held	Lecturer
Main activities and responsibilities	Higher education and research activities
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Str. Calea Aradului, no.119, 300645
Type of business or sector	Educational and research
Dates	1991-1995
Occupation or position held	University assistant
Main activities and responsibilities	Higher education and research activities
Name and address of employer	Banat's University of Agricultural Science and Veterinary Medicine, Timisoara, Str. Calea Aradului, no.119, 300645
Type of business or sector	Educational and research
Dates	1990-1991
Occupation or position held	University preparatory
Main activities and responsibilities	Didactical and research activities
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Str. Calea Aradului, no.119, 300645
Type of business or sector	Educational
Dates	1988-1990
Occupation or position held	Agricultural engineer
Main activities and responsibilities	Agricultural production, optimization of culture technology
Name and address of employer	Agricultural office, Somes – Odorhei state farm
Type of business or sector	Plant cultivation, management and marketing in field production
Education and training	
Dates	1992-1998
Title of qualification awarded	doctorate
Principal subjects/occupational skills covered	Research in the field of plant physiology, plant stress – salts and drought tolerance
Name and type of organisation providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Str. Calea Aradului, no.119, 300645
Level in national or international classification	Post university

Dates	1984-1988									
Title of qualification awarded	Diploma in Engineering									
Principal subjects/occupational skills covered	Agricultural engineering , cultivated plant technology, plant physiology									
Name and type of organisation providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Str. Calea Aradului, no.119, 300645									
Level in national or international classification	University degrees									
Personal skills and competences										
Mother tongue(s)	romanian									
Other language(s)	english, french									
Self-assessment	Understanding				Speaking				Writing	
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Effective Operational Proficiency	C1	Effective Operational Proficiency	C1	Effective Operational Proficiency	C1	Effective Operational Proficiency	B1	Independent user
French	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
	<i>(*) Common European Framework of Reference for Languages</i>									
Social skills and competences	good ability to adapt to multicultural environments, gained though my work experience abroad; good communication skills gained through my experience in academic environment									
Organisational skills and competences	leadership; sense of organization (experience in logistics); good experience in project or team management									
Technical skills and competences	good command of quality control processes									
Computer skills and competences	COMPUTER OPERATOR (INTERNET, WORD, EXCEL, POWER POINT, ETC)									
Artistic skills and competences	Literature, nature, sport									
Other skills and competences	Scientific activities: scientific paper and research grants									
Driving licence	Category B and C									

<p>Additional information</p>	<p>FIRST PRIZE –National Conquest AGRICHALLENGE” – 2009 – Organized by Timac Agro Foundation for Agriculture Development, http://www.fundatiatimacagro.ro/start.php?page=3&sub=7</p> <p>Prize “Haralamb Vasiliu” of Academy of Scientists from Romania in 2011 for the book "Growing and processing oilseeds in order to produce biofuels" with Tabara V., Georgeta Pop, Rusnac L. și Iuliana Popescu, Ed. Eurobit, Timisoara, ISBN 978-973-620-564-4 http://www.aos.ro/site_mod/Primapagina/2011/ListapremiilorAOSR2008si2009.pdf</p> <p>Membership of professional bodies:</p> <p>Romanian Society of Horticulture International Society for Horticultural Sciences EUCARPIA European Drought Centre- http://www.geo.uio.no/edc/ Executive manager, " Research Institute for Sustainable Agriculture and Food Security, BUASVM Timisoara. President of Centre of Consultancy and Euro-Regional Rural Cooperation (CC&EU) President of Euroregional Research Institute for Vegetal Energetic Bioresources" (BIOEN) . Vice –president of Romanian Sustainable Energy Cluster- ROSENC Expert for scientific evaluation of national research projects.</p>
<p>Annexes</p>	<ol style="list-style-type: none"> 1. List of main research grants 2. List of books

Annex 1 List of main research grants

1.	Title	N0/Year	Position	Value	Beneficiary
2.	Les effets d'application du produit "BIOVIT" sur la productivité des espèces d'intérêt horticole – Nutrientes organicos S.L. Spania	2004	Project manager	5 000 euro	Nutrientes Organicos S.L. Spain
3.	Research regarding the tolerance physiology to osmotic stress of some <i>Phaseolus vulgaris</i> L. local land races from Banat area in order to use them in amelioration proceses	2007-2008	Member	30 000 euro	CNCSIS
4.	The founding of the Centre for Consultancy and Euro-Regional Rural Co-operation (CC&EU) to improve the ecological and conventional management regarding agricultural yield quality and quantity.	2007-2008	Project manager	220.000 euro	PHARE CBC HU-RO
5.	The founding and implementation of the Euroregional Research Center of Vegetal Energetic Bioresources (BIOEN)	2008-2009	Project manager	492 000 euro	PHARE CBC RO-SE
6.	Common research project regarding the drought tolerance devise to some maize genotypes cultivated in the western side of Romania and the south-east of Hungary.	2009-2011	Project manager	451.000 euro	Cross border Cooperation Programme 2007-2013 HU-RO
7.	Cross-border Partnership – Education –Spots and Health in university	2010-2011	Scientific responsible	127.830 euro	Cross border Cooperation Programme 2007-2013 HU-RO
8.	Online university collaboration network for the development of the capacity to provide competent and competitive on labor market.	2010-2012	Responsible - development of curricular and courses scientific content	8.869.868 RON (1,979,000 EURO)	POSDRU/86/1.2/S/627 23
9.	Postdoctoral School in Agriculture and Veterinary Medicine	2010-2013	domain responsible- Horticulture	20.019.000 RON	POSDRU/89/1.5/S/623 7
10.	Researches concerning the influence of some Timac –	2011	Project manager	15.000 euro	Timac Agro International, France

	Agro Bioproducts upon growth and development processes in some cultivated plants				
11.	Researches concerning the influence of some sulfur fertilizers produced by Timac Agro on soil microflora and crop quality and quantity of maize, sunflower and grassland.	2012	Project manager	22.357 euro	Timac Agro International, France
12.	Identify and testing <i>Brassica napus</i> L. tolerant genotypes to drought and heat stress	2012-2013	Project Manager	14.175,25 euro	Monsanto Hungaria Kft.
13.	Cross-border joint RDI in the field of Biogas production, a suitable renewable energy carrier for Hungary and Romania	2012-2013	Expert -biomass producing	74.600 euro	Cross border Cooperation Programme 2007-2013 HU-RO 1001/93/2.2.2.
14.	Screening for salt tolerance of some local vegetable landraces for conservation of genetic potential and biodiversity www.s-stress.ro	2012-2015	Project manager	461.394 euro	PN-II-PT-PCCA-2011-3 Contract. Nr.97/2012
15.	Sweet sorghum: a versatile raw material for biofuels and biorefinery	2013-2016	Scientific responsible	75.000,00 euro/2014	PN-II ID-PCE-2012-4-0311
16.	Research concerning the influence of some Timac Agro products to control nutrition , drought tolerance and encourage flowering and fruiting on some cultivated plant species	2014	Project responsible	20.000 euro	Timac Agro International, France

Ph.D. Thesis coordinator -8

Postdoctoral coordinator:- 7

Member of Commission for Habilitation: 1

Annex 2. Books

Books

No	Authors	year	Title	Editors	No pag.
1.	Guler O., Mirela Guler, R. Şumălan	2012	The school of cultivars. Wheat-leaf fertilizers, biostimulators, chemical fertilizers, vol. VI	Ed. Eurobit. Timisoara.ISBN 978-973-132-002-8	157
2.	Guler O., Mirela Guler, R. Şumălan	2012	The school of cultivars. Wheat and triticale. Vol. V	Ed. Eurobit. Timisoara.ISBN 978-973-132-002-1	140

3.	Guler O., Mirela Guler, R. Şumălan	2011	The school of wheat cultivars Vol.I and II	Ed. Eurostampa, Timișoara, ISBN 978-606-569-279-4	171
4.	R. Şumălan , Tabara V., Georgeta Pop, Rusnac L., Iuliana Popescu	2009	Cultivating and processing of oilseeds for obtaining of biofuels (Prize "Haralamb Vasiliu" of Romanian Scientists Academy -2010)	Ed. Eurobit, Timisoara, ISBN 978-973-620-564-4	366
5.	R. Şumălan	2009	Plant Physiology- elements of Plants Physiology applied in Horticulture	Ed. Eurobit, Timisoara, ISBN 978-973-620-496-8	318
6.	R. Şumălan	2005	Vegetal Physiology	Ed. Eurobit, Timisoara, ISBN973-620-199-6	330
7.	R. Şumălan	2004	Plant Physiology-elements of plant physiology in regenerated plants and stress reaction	Ed. Eurobit, Timisoara I.S.B.N. 973 -620-107-4	250
8.	R. Şumălan	2002	Plant physiology	Ed. Eurobit, Timisoara, I.S.B.N.973-620-010-8	181
9.	R. Şumălan	2001	Forestry Plant Physiology	Ed. Eurobit, Timisoara, I.S.B.N. 973-8181-62-3	179

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Cristina Popescu, Violeta Turcus, Mirela Ardelean, Calin Ladasiu, Sorin Ciulca, Sorina Popescu, David Chirila, **Radu Sumalan**. [Genetic diversity and flavonoid variability among vegetable landraces grown on saline areas from the West part of Romania](#). Journal of Biotechnology, vol 185, S-34, ISSN: 0168-1656, 2014IF:2,884.

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Velicevici Giancarla, E. Madosa, S. Ciulca, R. Sumalan, Adriana Ciulca, Cerasele Petolescu, A.Lazar, Iuliana Cretescu, Mihaela Malaescu. [Genetic analysis of roots growth in barley \(Hordeum vulgare\)](#). Journal of Horticulture, Forestry and Biotechnology, Vol.18/1, 2014, 214-219

Hegheduș-Mîndru Ramona Cristina, Hegheduș-Mîndru Gabriel, Negrea Petru, **Şumălan Radu**, Negrea Adina, Ştef Ducu. The monitoring of mineral elements content in fruit purchased in supermarkets and food markets in Timisoara, Romania. **Annals of Agricultural and Environmental Medicine** 2014, Vol 21, No 1, pag. 98–105 (I.F. 3,060)

Laura Bigyilan, **Radu Sumalan**, Dorin Camen. Modern Sensor Systems In Horticulture. Proceedings of the International Conference "AGRI-FOOD SCIENCES, PROCESSES AND TECHNOLOGIES" - AGRI-FOOD 2014, May 14-15, 2014, Sibiu, Romania.

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Șimonea Luciana M., **R. Șumălan**. [Amino acid composition of some common bean landraces from Caras-Severin county, of Romania](#). [Journal of Horticulture, Forestry and Biotechnology](#) 2014 Vol. 18 No. 2 p. 208-210,ISSN:2066-1797

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Gabriel Heghedūs-Mîndru, Ramona Cristina Heghedūs-Mîndru, Petru Negrea, Ducu Sandu Ștef, **Radu Liviu Șumălan**, Lucian Mircea Rusnac. Quantitative Determination by Atomic Absorption Spectrometry For Micro Elements of Mineral Waters from Romania. [Review on Agriculture and Rural Development](#) 2013. vol. 2. (1), pag.245-251. ISSN 2063-4803.

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2010

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Schmidt Brigitta, **R. Șumălan** - Perspective and challenges in Tagetes sp. Culture using biofertilizers. The Symposium SHE 2012, Second Symposium on Horticulture in Europe Angers, FRANCE, T4-19, 1st – 5th July 2012.

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