



Curriculum vitae Europass



Personal information

First name(s) / Surname(s) **Beinsan Carmen Georgeta**
Address(es) Louis Pasteur Street, no. 28, Bl.B 23, Sc. B, ap. 8, postcode 300272, Timisoara City, country Romania
Telephone(s) 0256424232 Mobile: 0746227235
Fax(es) 0256424232
E-mail hortoc2002@yahoo.com
Nationality Romanian
Date of birth 14/03/1970
Gender female

Desired employment / Occupational field Associate professor, Department of Plant Physiology, Faculty of Horticulture and Forestry Timisoara

Work experience

Dates	2007 – present
Occupation or position held	Associate professor, Department of Plant Physiology
Main activities and responsibilities	Education – academic courses and practical courses for the students in agriculture and horticulture. Coordinator of degree projects and dissertation projects, research activity. Member of research projects.
Name and address of employer	Banat's University of Agriculture Science and Veterinary Medicine from Timisoara- Faculty of Horticulture and Forestry, Calea Aradului, no.119, postcode 300645
Type of business or sector	Educational and research
Dates	2004 - 2007
Occupation or position held	Lecturer, Department of Plant Physiology
Main activities and responsibilities	Education – academic courses and practical courses for the students in agriculture and horticulture. Coordinator of degree projects, research activity. Director and member of research projects.
Name and address of employer	Banat's University of Agriculture Science and Veterinary Medicine from Timisoara - Faculty of Horticulture and Forestry, Calea Aradului, no.119, postcode 300645
Type of business or sector	Educational and research
Dates	2000 - 2004
Occupation or position held	University assistant, Department of Plant Physiology
Main activities and responsibilities	Supervising of students laboratories, practices in agriculture and horticultural researches fields. Education, research specialization in environmental stress plant physiology.

Name and address of employer Banat's University of Agriculture Science and Veterinary Medicine from Timisoara - Faculty of Horticulture and Forestry, Calea Aradului, no.119, postcode 300645

Type of business or sector Educational and research

Dates 1997 - 2000

Occupation or position held University preparatory, Department of Plant Physiology

Main activities and responsibilities Practical work in the laboratory and vegetation house. Education, research in the field of plant physiology, genetics and plant breeding, plant cell cultures. Supervising laboratory work, practical experience in the field, didactic activities, research activities in plant physiology and plant tolerance to various stress factors.

Name and address of employer Banat's University of Agriculture Science and Veterinary Medicine from Timisoara - Faculty of Horticulture and Forestry, Calea Aradului, no.119, postcode 300645

Type of business or sector Educational

Education and training

Dates 1998 – 2003

Title of qualification awarded Doctor in Sciences/Doctor's degree in Horticulture, Field crop specialization

Principal subjects/occupational skills covered Research in the field of plant physiology

Name and type of organisation providing education and training Banat's University of Agriculture Science and Veterinary Medicine from Timisoara - Faculty of Horticulture and Forestry, Calea Aradului, no.119, postcode 300645

Dates 1995-1996

Title of qualification awarded Master/Master's degree, specialization "Cleaner technologies and intensive of horticulture"

Principal subjects/occupational skills covered Cleaner technologies and intensive of horticulture

Name and type of organisation providing education and training Banat's University of Agriculture Science and Veterinary Medicine from Timisoara - Faculty of Horticulture, Calea Aradului, no.119, postcode 300645

Dates 1989-1994

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 Agronomic Institute of Timisoara, Faculty of Agriculture, Calea Aradului, no.119, postcode 300645, Timișoara

Personal skills and competences

Mother tongue(s) romanian

Other language(s) french

Self-assessment

European level (*)

Understanding				Speaking				Writing	
Reading		Spoken interaction		Spoken production		Reading		Spoken interaction	
B 1	Independent user	B 1	Independent user	B 1	Independent user	B 1	Independent user	B 1	Independent user

(*) Common European Framework of Reference for Languages

Social skills and competences Sociable, good communication skills gained through my experience in academic environment

Organisational skills and competences Sense of organization (experience in logistics); Coordinating student research activities, getting information through symposiums and workshops, reporting on the realization of research activities and budget administration in research contracts

Technical skills and competences	Servicing equipment in research laboratories of the department of Plant physiology; good command of quality control processes
Computer skills and competences	Computer operator (Internet, Word, Excel, Power point, etc)
Other skills and competences	Scientific activities: scientific paper and research grants; Project manager and collaborator in four national and international contracts: Research regarding the tolerance physiology to osmotic stress of some <i>Phaseolus vulgaris</i> L. local landraces from Banat area in order to use them in amelioration proceses, 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, The founding and implementation of the Euroregional research center of vegetal energetic bioresources (BIOEN)
Driving licence	Category B and C
Additional information	Membership of professional bodies: Romanian Society of Horticulture "Rose's Friend" Association Multi-disciplinary Research Association from the West Region of Romania General Association of Engineers in Romania Founder of Centre of Consultancy and Euro-Regional Rural Cooperation (CC&EU) Founder of „Euroregional Reserch Institute for Vegetal Energetic Bioresources” (BIOEN)
Annexes	List of main research grants List of books Representative scientific papers

List of main research grants

No.	Title	Year	Position	Value	Beneficiary
1.	Les effets d'application du produit "BIOVIT" sur la productivité des espèces d'intérêt horticole – Nutrientes organicos S.L. Spania.	2004	Member	15. 000 euro	Nutrientes Organicos S.L. Spain
2.	Research regarding the tolerance physiology to osmotic stress of some <i>Phaseolus vulgaris</i> L. local landraces from Banat area in order to use them in amelioration proceses.	2006-2008	Project manager	96.000 RON	Contract no.96 GR/11.06.2008, no.theme 11, cod CNCIS 296, Tip A
3.	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.	2007-2009	Member	223.000 Euro	PHARE CBC RO-HU 2005/017-536.01.01.01.25
4.	The founding and implementation of the Euroregional research center of vegetal energetic bioresources (BIOEN).	2008-2010	Member	492. 800 EURO	PHARE CBC RO-SE 2006/018-448.01.01.09

5.	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	Member	452.000 euro	Hungary-Romania Cross-border Co-operation Programme 2007-2013 HURO/0801/167
6.	Researches concerning the influence of some Timac – Agro Bioproducts upon growth and development processes in some cultivated plants.	2011	Member	14.895 euro	TIMAC AGRO INTERNATIONAL (SAS) FRANCE, Nr.01/6.06.2011
7.	Research into the effects of applying Bioreglator Timac 1, the morphological and physiological processes in maize and wheat.	2011-2012	Member	11.751,64 RON	SC TIMAC AGRO ROMANIA SRL Nr. 02/22.12.2011

List of books

No	Authors	Year	Title	Editors
1.	Sumalan R., Dobrei Carmen	2002	Plant physiology - practical work	Ed. Marineasa, I.S.B.N. 973-9485-38-3, Timisoara
2.	Dobrei Carmen, Sumalan R.	2003	Plant physiology - practical forestry work	Ed. Solness, I.S.B.N. 973 – 8472-47-4, Timisoara
3.	Dobrei Carmen	2006	Plant physiology	Ed. Eurobit, I.S.B.N.-10 973-620-204-6, Timisoara
4.	Carmen Dobrei, R. Sumalan, D. Camen	2007	Forestry Plant Physiology - practical work -	Ed. Eurobit, I.S.B.N. 978-973-620-268-1, Timișoara
5.	Dobrei Carmen	2007	Plant physiology - 2 nd Edition	Ed. Eurobit, ISBN-978-973-620-289-6, Timișoara
6.	Beinsan Carmen	2008	Plant physiology	Ed. Eurobit, ISBN 978-973-620-436-4, Timișoara

Representative scientific papers

No.	Title	Authors	Place of publication
1.	Studies regarding tailings pond water derived from mining activities over <i>Hordeum vulgare</i> L. germination influence.	Carmen Dobrei , G.Mosoarca, R.Sumalan, D.Camen, P.Negrea, Adina Negrea, Lavinia Lupa	Research people and actual task on multidisciplinary sciences, First Conference, 6-8 June 2007, Lozenec, Bulgaria, volume 1, p.71-75, ISBN 978-954-91147-3-7.
2.	The salinity effect considering germinative capacity and free proline content of some <i>Phaseolus vulgaris</i> L. Landraces from Banat area.	Camen D., Dobrei Carmen , Șumălan R., Velicevici Giancarla, Moșoarcă G.	Association for Multidisciplinary Research of the West Zone of Romania, Proceedings of the IX th International Symposium "Young people and multidisciplinary research", 15-16 XI 2007, pag. 160-163, I.S.S.N. 1843-6609.
3.	Research on the biodiversity of the local bean cultivars (<i>Phaseolus vulgaris</i> L.) present in the Banat area in the view of their utilization in breeding programs.	Sumalan R., Carmen Dobrei , D.Camen, Adina Berbecea, Isidora Radulov, Renata Sumalan, Mariana Babau, G.Mosoarca	First Symposium on Horticulture in Europe, International Society for Horticultural Science, Vienna, Austria, pag.270, ISSN 1996-9449, 17-20 II 2008.
4.	Salinity tolerance in some <i>Phaseolus vulgaris</i> L. landraces	R.Sumalan, D. Camen,	Proceedings.43 rd Croatian and 3 rd International Symposium on Agriculture,

	from the Banat area.	Carmen Dobrei	Opatija, Croatia, pag.371-374, 18-21 II 2008.
5.	The Center of Consultancy and Rural Euro-regional Cooperation – an element of information transfer between agricultural education and production.	R. Sumalan, Carmen Dobrei , S. Gaspar, D. Camen	International Scientific International “Increase of profitability and sustainability of agricultural production in trans – frontier area, PHARE CBC RO 2005/017-536.01.01.01.25, Ed.Eurobit, Timisoara, ISBN 978-973-620-392-3, pag. 7-17, 15.V.2008.
6.	Biofertilizers – viable alternative for ecological agriculture practices.	Renata Sumalan, Carmen Dobrei , D. Camen, S. Gaspar, R. Sumalan	International Scientific International “Increase of profitability and sustainability of agricultural production in trans – frontier area, PHARE CBC RO 2005/017-536.01.01.01.25, Ed.Eurobit, Timisoara, ISBN 978-973-620-392-3, pag. 87-96, 15.V.2008.
7.	Achievement and perspectives in the employment of vegetal energetic resources.	D. Camen, S. Gaspar, Renata Sumalan, Carmen Dobrei , R. Sumalan	International Scientific International “Increase of profitability and sustainability of agricultural production in trans – frontier area, PHARE CBC RO 2005/017-536.01.01.01.25, Ed.Eurobit, Timisoara, ISBN 978-973-620-392-3, pag. 97-104, 15.V.2008.
8.	Vegetable bioresources – alternative to future energy.	Radu Sumalan, Dorin Camen, Carmen Dobrei , Sorin Gaspar, Alexandru Moisuc	A VIII-a Conferinta Nationala multidisciplinara-cu participare internationala, Stiinta si Inginerie, vol. 14, ISBN 973-8130-82-4, Sebes, 30.V.2008.
9.	Biomass and bioenergy human civilization sustaining element – present and expectation.	Radu Sumalan, Dorin Camen, Carmen Dobrei , Sorin Gaspar, Renata Sumalan, Valeriu Tabara	A VIII-a Conferinta Nationala multidisciplinara-cu participare internationala, Stiinta si Inginerie, vol. 14, ISBN 973-8130-82-4, Sebes, 30.V.2008.
10.	Effect of osmotic stress on leaf area and chlorophyll content of some bean (<i>Phaseolus vulgaris</i> L.) local landraces from Banat area.	Beinșan Carmen , Șumălan R., Camen D., Babău Mariana, Radulov Isidora, Berbeca Adina	Analele Universitatii Din Craiova-Seria Agricultura, Montanologie, Cadastru, Faculty of Agriculture, The Scientific Conference with International Participation “Durable Agriculture – Agriculture of the Future”, Craiova , ISBN 978-606-510-301-6, pag. 84-87, 28-29.11. 2008, ISSN 1841-8317, vol.XXXVIII/B.
11.	Study of nodulation capacity and efficacy of some native and selected Bradyrhizobium Lupinii strains.	Șumălan Renata, Schmidt Brigitta, Sumălan Radu, Beinșan Carmen , Camen Dorin	Analele Universitatii Din Craiova-Seria Agricultura, Montanologie, Cadastru, Faculty of Agriculture, The Scientific Conference with International Participation “Durable Agriculture – Agriculture of the Future”, Craiova , ISBN 978-606-510-301-6, pag.37-40, 28-29.11. 2008. ISSN 1841-8317, vol.XXXVIII/B.
12.	The influence of fertilization upon specific leaf area (sla), leaf area index (lai), leaf area ration (lar) and dry matter content in some mayze (<i>Zea mays</i> L.) hybrids cultivated in Banat area.	Șumălan R., Camen D., Beinșan Carmen , Șumălan Renata, Schmidt Brigitta, Popescu Ioana, Gașpar S., Babău Mariana	Analele Universitatii Din Craiova-Seria Agricultura, Montanologie, Cadastru, Faculty of Agriculture, The Scientific Conference with International Participation “Durable Agriculture – Agriculture of the Future”, Craiova , ISBN 978-606-510-301-6, pag.46-49, 28-29.11. 2008. ISSN 1841-8317, vol.XXXVIII/B.
13.	Research regarding the osmotic stress tolerance of some bean	Dobrei Carmen , Sumalan R.,	Cercetari stiintifice, seria a XII-a, Horticultura si Inginerie genetica,Ed.Agroprint Timisoara,

	(<i>Phaseolus vulgaris</i> L.) local landraces from Banat area.	Camen D., Berbecea Adina, Radulov Isidora, Velicevici Giancarla, Babau Mariana	ISSN 1453-1402, pag. 116-118, 15.V.2008.
14.	Research regarding the influence of some unfavorable environmental factors in <i>Phaseolus vulgaris</i> L. landraces from Banat area.	Dobrei Carmen , Camen D., Sumalan R.	Lucrări şt. Universitatea „Politehnica” Timișoara, Facultatea de Chimie Industrială și Ingineria Mediului, Simpozionul „Environmental Protection and Ecological Education”, Editia a II-a, 05.06.2008, Timisoara, pag.32-36.
15.	Physiological responses of Banat's common bean landraces (<i>Phaseolus vulgaris</i> L.) seedlings to osmotic stress.	C.Dobrei , R.Sumalan, D. Camen, G. Velicevici, R. Sumalan, M.Babau, G.Mosoarca	Lucrari stiintifice, U.S.A.M.V., Horticultura, seria B, vol. LI, ISSN 1222-5312, Bucuresti, pag. 551-554, 23.V.2008.
16.	Study regarding the influence of saline stress on transpiration's intensity and leaf area of some <i>Phaseolus vulgaris</i> L. landraces from Banat area.	Carmen Beinsan , D. Camen, R. Sumalan, Brigitta Schmidt, Ioana Popescu	Proceedings of the Second International Conference, Bulgarian National Multidisciplinary Scientific Network of the Professional Society for Research work, volume 1, Lozenec, Bulgaria, 10-12 June, ISSN 1313-7735, 2009, pag. 252-255.
17.	Studies regarding tailings pond seepage water from mining activities over <i>Avena sativa</i> L. germination influence.	Carmen Beinsan , Giannin Mosoarca, Radu Sumalan, Dorin Camen, Petru Negrea, Adina Negrea	Notulae Botanicae Horti Agrobotanici Cluj Napoca, Print ISSN 0255-965X; Electronic ISSN 1842-4309, Not.Bot.Hort.AgrobotCluj 37(1) 2009, pag. 187-190, factor impact 0.463.
18.	The fertilization influence on the beans chemical compositions of some cultivated hybrids maize in Banat area.	Radu Sumalan, Carmen Beinsan , Dorin Camen, Renata Sumalan, Brigitta Schmidt, Ioana Popescu, Sorin Gaspar	Research Journal of Agricultural Science, vol. 41 (1), Agroprint Editorial, Timisoara, ISSN 2066-1843, 2009, pag.511-513.
19.	Influence of salt stress on some local landraces bean (<i>Phaseolus vulgaris</i> L.) photosynthesis and transpiration rate.	Beinsan Carmen , Camen D., Sumalan R., Schmidt Brigitta, Popescu Ioana	Journal of Horticulture, Forestry and Biotechnology, vol.13, ed. Agroprint Timisoara, ISSN 2066 – 1797, 2009, pag. 204-207.
20.	Researches regarding the physiology of tolerance to osmotic stress of some local landraces of <i>Phaseolus vulgaris</i> L. from Banat area.	Carmen Beinsan , Dorin Camen, Radu Sumalan	Bulletin of University of Agricultural sciences and Veterinary Medicine Cluj Napoca, Horticulture, volume 66 (1), Print ISSN 1843-5254, Electronic ISSN 1843-5394, 2009, pag. 389-396.
21.	Research on the effect of arbuscular mycorrhizae on some physiological indices of lettuce – <i>Lactuca sativa</i> L.	Camen D., Beinșan Carmen , Șumălan R., Pasc Mironela	Journal of Horticulture, Forestry and Biotechnology, vol.14(3), 128-130, 2010, ISSN 2066-1797. http://www.cabi.org
22.	Research concerning the efficacy and nodulation capacity of some selected Rhizobia strains with specificity for lupin and bean plants.	Renata Maria Șumălan, Carmen Beinșan , Dorin Camen, Radu Șumălan, Ancuta Doncean	International Symposium „Trends in the European Agriculture Development, Faculty of Agriculture, Timișoara, Researches in Biology with implications in the Agricultural Sciences, pag.310-313, vol. 42 (2) 1 – 341 (2010), ISSN: 2066-1843, 20-21.05.2010. http://www.copernicus.org
23.	Study concerning the fertilization	Dorin Camen,	International Symposium „Trends in the

	effect upon quality of beans in some cultivated hybrids maize in Banat area.	Radu Șumălan, Carmen Beiușan , Renata Șumălan, Brigitta Schmidt, Ioana Popescu, Sorin Gașpar	european agriculture development, Faculty of Agriculture, Timișoara, Researches in Biology with implications in the Agricultural Sciences, vol.42 (3) 1-908 (2010), ISSN: 2066-1843, abstract, 20-21.05.2010. http://www.copernicus.org
24.	Maize bioproductivity in the context of the climate changes – present and perspectives -	Șumălan R.L., Carmen Beiușan , Renata Șumălan, D.Camen, S.Gașpar, S.Ciulcă	3 rd International Seminar „Crop Science for Food Security, Bioenergy and Sustainability”, 1-3.06.2010, abstract, Szeged, Hungary. http://sites.google.com/site/3rdifdsdaaseminar
25.	Research regarding the influence of storage conditions in quality of some apple varieties.	Camen D., Beiușan Carmen , Nicolae I., Șumălan Renata, Doncean Ancuța, Șumălan R.	Journal of Horticulture, Forestry and Biotechnology Timisoara, vol.15(1), pag.196-198, ISSN 2066-1797, 2011.
26.	Study of fungal load of pome fruits, hazardous factor for quality maintaining and ensuring the consumer safety.	Șumălan Renata Maria, Doncean Ancuța, Șimonea Luciana, Șumălan R., Camen D., Beiușan Carmen	Journal of Horticulture, Forestry and Biotechnology Timisoara, vol.15(2), pag.147-151, ISSN 2066-1797, 2011.
27.	Research regarding the quality and productivity of winter wheat varieties cultivated in Timiș Plain.	O. Guler, Mirela Guler, F.Viliga, C.Rotaru, D.Bruznican, Carmen Beiușan , R.Șumălan	Proceedings of the 54 th international scientific conference – Durable Agriculture development strategies, pag.3. Lucrari Stiintifice – vol.54, nr.2/2011, seria Agronomie, Iași, ISSN (print) 1454-7414, ISSN (electronic) 2069-7627, cod CNCIS 477, 20-22 oct. 2011. recenzată CAB International – Anglia.
28.	Research regarding the main production and quality indices of some corn hybrids cultivated in the Banat area.	Dorin Camen, Radu Șumălan, Carmen Beiușan , Florin Viliga, Laura Suciu, Daniel Bruznican	Proceedings of the 54 th international scientific conference – Durable Agriculture development strategies, pag.23. Lucrari Stiintifice – vol.54, nr.2/2011, seria Agronomie, Iași, ISSN (print) 1454-7414, ISSN (electronic) 2069-7627, cod CNCIS 477, 20-22 oct. 2011. recenzată CAB International – Anglia.
29.	Studies on post-harvest quality of some apple genotypes.	Beiușan Carmen , Simonea Luciana, Camen D., Sumalan R.	Analele Universității din Craiova, vol. XVI (LII), pag. 49-54, ISSN 1453-1275, 27-28 oct. 2011.
30.	Research regarding physiological responses of Banat' s common bean landraces (<i>Phaseolus vulgaris</i> L.) seedlings to hydric stress.	Dorin D.Camen, Carmen G.Beiusan , Laura Bigyilan, Radu L. Sumalan	The First World Congress on Water Channel Proteins (Aquaporins and relatives) celebrating the 25 th anniversary of the discovery of the first water channel protein (later called aquaporin 1), Cluj Napoca, 27-29 oct. 2011, pag. 8.
31.	Research on the biometric and biochemical features of some apple market varieties from western side of Romania (<i>Malus domestica</i>).	Carmen Beiușan , Luciana Șimonea, D. Camen, R. Șumălan	Simpozionul Stiintific anual cu participare internationala „Horticultura si Peisagistica mileniului III–domenii cu impact major asupra calitatii vietii”, Editia a VIII-a, USAMV Bucuresti, Seria B, vol. LV, Horticulture, 4-5 noiembrie 2011, pag. 607-610, ISSN 2069-6965.