

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) **Creola BREZEANU**
 E-mail(s) creola.brezeanu@yahoo.com
 Nationality Romanian
 Gender Female

Work experience

<p><u>Dates</u> Sept 2013- 2015 - present</p> <p>Occupation or position held Associate Professor, Professor Assistant</p> <p>Main activities and responsibilities Teaching, Research,</p> <p>Name and address of employer UNIVERSITY OF AGRICULTURAL SCIENCE AND VETERINARY MEDICINE IASI</p> <p>Type of business or sector Education and research</p>	
<p><u>Dates</u> 01 April 2010 - present</p> <p>Occupation or position held Senior researcher</p> <p>Main activities and responsibilities Research, Training, Advisor</p> <p>Name and address of employer VEGETABLE REASEARCH AND DEVELOPMENT STATION BACAU,</p> <p>Type of business or sector Research</p>	
<p><u>Dates</u> 11 November 2007 - 01 April 2010</p> <p>Occupation or position held Counsellor,</p> <p>Main activities and responsibilities Administration, Education</p> <p>Name and address of employer MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT, B-dul Carol 1, Bucharest</p> <p>Type of business or sector Central administration</p>	
<p><u>Dates</u> November 2001 - November 2005 - November 2007</p> <p>Occupation or position held PhD program, Engineer</p> <p>Main activities and responsibilities Research, education</p> <p>Name and address of employer UNIVERSITY OF AGRICULTURAL SCIENCE AND VETERINARY MEDICINE Bucharest</p> <p>Type of business or sector Research</p>	

Education and training

Dates 15/09/1990 - 15/07/1994

Title of qualification awarded HIGHT SCHOOL DIPLOMA

Principal subjects / occupational skills covered biology, chemistry, genetics

Name and type of organisation providing education and training THEORETHICAL HIGHT SCHOOL GH. VRANCEANU, jud. BACAU Bacau (Romania)

<u>Dates</u>	01 October 1995 - 15 July 2001
Title of qualification awarded	DIPLOMAT ENGINEER
Principal subjects / occupational skills covered	HORTICULTURE
Name and type of organisation providing education and training	HORTICULTURAL FACULTY - U.S.A.M.V. Bucharest Marasti, Bucharest (Romania)
<u>Dates</u>	November 2001 - November 2005
Title of qualification awarded	DOCTOR DIPLOMA
Principal subjects / occupational skills covered	RESEARCH, PLANT PHYSIOLOGY
Name and type of organisation providing education and training	HORTICULTURAL FACULTY - U.S.A.M.V. Marasti, Bucharest (Romania)
<u>Dates</u>	October 2009– July 2011
Title of qualification awarded	Master Degree
Principal subjects / occupational skills covered	Marketing and management of services FACULTY OF MARKETING AND INTERNATIONAL - ECONOMICAL AFFAIRS Spiru Haret
Name and type of organisation providing education and training	University - Bucharest
<u>Dates</u>	01/10/2010 → 2013
Title of qualification awarded	POSDRU (Post PHD program): "Researches on biology and behaviour of the species <i>Phaseolus aureus</i> in soil climatic culture conditions of the NE part of Romania. (Iasi and Bacau area)"
Name and type of organisation providing education and training	AGRICULTURAL FACULTY - U.S.A.M.V. Iasi M. Sadoveanu, Iasi (Romania)
Personal skills and competences	
Mother tongue(s)	Romanian
Other language(s)	ENGLISH,
Social skills and competences	- Capacity to work in multicultural and interdisciplinary teams. During the last ten years I was involved in research activity in more than 25 interdisciplinary teams. - Oral and written communication skills, relationship skills at all levels - skill in human relations, which facilitates teamwork.
Organisational skills and competences	- High capacity of synthesis and good organisational skills. - Skills in planning and carrying out of objectives. - Self-determination in achieving the target, the ability to meet deadlines and rules.
Technical skills and competences	- Skills in using a wide range of laboratory equipment and interpretation of results obtained as a result of conducted investigations. - Capacity and engagement in realization of institution presentation materials, and of the ongoing projects - Establishment of plant physiology laboratory in VRDS Bacau based on experience. - Knowledge of protocols used in laboratories for genetic, breeding, seed quality, physiology, technology
Additional information	- Author and co-author of more than 90 scientifically papers. - Co-author of scientifically books (ISBN) - Co-author of five scientifically brochures in organic farming area (ISBN) - Co-author of three patents for plant varieties, see attachments - Participation at national and international scientific symposia

Representative Projects

Manager or leader of project
International projects
<ul style="list-style-type: none"> • Bilateral cooperation Romania -China „Sharing, diversification, evaluation and utilization of vegetable germplasm resources in breeding activity” contract 499/2011, scientifically leader of Romanian partner • FP 7 “Characterization of biodiversity resources for crop wild relatives to improve crops by breeding” - WP 5 „Engaging the user community”- contract 791/29.08.2011, third parties, unique advisor for Romania • Efficient management of resources for smart legumes utilization – coordinator of Grain Legums WG ECPGR, leader of Romanian partner • H2020 SFS-07-2017 TOPIC Organic breeding – Increasing the competitiveness of the organic breeding and farming sectors - Breeding for Resilient, Efficient and Sustainable Organic Vegetable production scientifically leader of Romanian partner
National projects
<ul style="list-style-type: none"> • PS 3.2.1 Breeding of vegetables, flowers and dendrological varieties and hybrids in order to meet new consumer requirements and the introduction into crop system of some species of vegetables less common in our market 2006-2010, project manager of partner 2 • ADER 1.1.12.: Diversification of the vegetable variety by introducing into culture of lesser-cultivated species (<i>Rheum rhabarbarum</i>) from various parts of the world (<i>Tragopogon porrifolius</i>, spontaneous flora (<i>Alium ursinum</i>, <i>Armoracia rusticana</i>, <i>Ornithogalum umbelatum</i>, tolerant to the thermo-hydric stress. project manager of partner 2 • PN-II-IN-CI-2012-1-0226 "Technological transfer and assistance for development of an ecological spice - functional food" project manager • PN-II-IN-CI-2013-1-0029 "Upgrading and implementation of ecological technologies of less cultivated species with multiple potential use (culinary, medicinal, honey, decorative) in purpose of superior capitalization", project manager • POSDRU project /89/1.5/S/62371 14886/3 30.09. 2010 "Researches on biology and behaviour of the species <i>Phaseolus aureus</i> in soil climatic culture conditions of the NE part of Romania. (Iasi and Bacau area)", project manager • ADER 3.1.4. „Regeneration, multiplication characterization of local varieties of vegetable, with unique character" project manager of partner 2 • ADER 3.2.6 Maintaining the genetic integrity of vegetable varieties and hybrids, providing seed from superior links (prebase and base) and creating new cultivars project manager of partner 2 • PN-III-P1-1.2-PCCDI-2017-0850 Farming for tomorrow – Ensuring of environment's sustainability by increasing breeding competitiveness for organic system project manager of partner 1 • PN-III-P2-2.1-CI-2017-0123 Development of eco friendly practices by exploit the biopesticide and biofertilizer potential of medicinal plants
Member in project teams (selection)
<ul style="list-style-type: none"> • SECTORIAL MADR P.S. 5.2.4. Use of organic horticultural products for a diversified and healthy eating of consumer groups within the EU food security policy 2006 – 2010" • World Bank Project AG nr. 141551/2008 Maintaining and developing the biodiversity of vegetable ecosystems by identifying, conserving and managing germplasm resources existing in traditional vegetable growing • Proiect Leonardo Da Vinci Organic Balkanet - No 2009-1-RO1-LEO05-03584 / LLP-LdV-TOI-2009-RO-008 – Developing the skills of Organic Agriculture Trainers for the Balkans II 2009-2011. • PNCDI II, 51-061/2007,„Study of biological and ecological diversity of perennial plant species and reconsideration of their multiple utility (culinary, medicinal, decorative, etc.) in the context of sustainable socio-economic development and alignment with EU trends" 2007 – 2010. • PNCDI II 51 – 045/2007 Sustainable use of resources in protected areas through the implementation of green technologies and the development of monitoring and analysis methods compatible with European Union standards

<ul style="list-style-type: none"> • PC 52-174/2008 „Utilization of spontaneous flora biodiversity in Romania in order to enrich the ornamental plant assortment”
<ul style="list-style-type: none"> • PC 52-141/2008 “Fundamental food safety in an organic production system for fresh vegetables”, by studying the main risk factors - SIECOLEGNR.
<ul style="list-style-type: none"> • ADER 1.1.11: Conservation and valorization of vegetable patrimony with useful phenotypic expression and high ecological plasticity
<ul style="list-style-type: none"> • ADER 1.1.10: Identification of traditional vegetable genotypes tolerant to biotic and abiotic stress, suitable to ecological and conservative agriculture
<ul style="list-style-type: none"> • PN-II-IN-CI-2013-1-0008 Development and implementation of modern technologies for cultivation of new <i>Phaseolus vulgaris</i> L. varieties, diversification of cultivated assortment, promotion and capitalization of production
<ul style="list-style-type: none"> • ADER 3.2.4. Diversification of vegetables for traditional and ecological cultivation
<ul style="list-style-type: none"> • ADER 3.3.6. Evaluation and conservation of stress-tolerant vegetable germplasm sources for use in breeding programs

Publications (selection)

- **Books/ chapters**

Creola Brezeanu, 2012, *Legumes cultivation Cultura leguminoaselor alimentare*– Ed. Alma Mater, ISBN 978-606-527-174-6.

Creola Brezeanu, 2010, *Muskmelon, Pepenele galben*- ISBN 978-606-527-090-9, Ed. Alma Mater.

Creola Brezeanu, 2013, *Mungbean Mungo*, – Editura Alma Mater, ISBN 978-606-527-270-5

Creola Brezeanu, Petre Marian Brezeanu, Silvica Ambăruș, Teodor ROBU *Studies on Phaseolus aureus species suitability for cultivation in Moldova Studii privind pretabilitatea cultivării fasolei mungo in Moldova*, 2013 – Ed. Alma Mater, ISBN 978-606-527-269-9

Creola Brezeanu, Petre Marian Brezeanu, 2010, *PGR cultivated in Romania Resurse genetice legumicole cultivate în România*, ISBN 978-606-527-092-3 Ed. Alma Mater.

Creola Brezeanu, Petre Marian Brezeanu, Silvica Ambăruș - 2010 –*Useful plants for ecological agriculture Plante utile pentru agricultura ecologică* Ed. Alma Mater, ISBN 978-606-527-085-5.

Creola Brezeanu, P.M. Brezeanu, Silvica AMBARUS, 2012, *Perennials vegetable cultivation Cultura plantelor legumicole perene* – Ed. Alma Mater, ISBN 978-606-527-193-7.

Silvica AMBĂRUȘ, Petre Marian BREZEANU, **Creola Brezeanu**, 2010, *Vegetable seed production Producerea semințelor și a materialului săditor la speciile legumicole* - ISBN 978-606-527-094-7, Ed. Alma Mater .

Ambăruș Silvica, **Brezeanu Creola**, Brezeanu Petre Marian, Călin Maria, Cristea Tina Oana, 2014 *PGR and practices recommended for ecological cultivation - Soiuri de legume și tehnici recomandate pentru cultura ecologică* Ed Alma Mater, Bacau, 2014, ISBN 978-606-527-352-8

- **Articles**

Brezeanu, C., Brezeanu, P.M., Ambarus, S., Robu, Dobrescu, A. (2016). Prioritization of the ecologic cultivation of certain species which are less spread, but have multiple potential uses (culinary, medicinal, melliferous, decorative). *Acta Hort.* 1125, 91-98, DOI: 10.17660/ ActaHortic.2016.1125.11

Brezeanu, PM, **Brezeanu, C**, Ambăruș, S, Călin, M, Cristea, TO., Identification and study of useful germplasm resources for tomatoes breeding *Acta Horticulture* 1127, 331-338 DOI: 10.17660/ ActaHortic. 2016.1127.52 <https://doi.org/10.17660./ActaHortic.2016.1127.52>

Creola Brezeanu, Teodor Robu, Marian Brezeanu, Silvica Ambarus Management of fertilization practices and mineral content at mung bean *Metalurgia International* vol. XVIII no. 7 (2013) 362 - 366

Cristea Tina, Prisecaru Maria, **Brezeanu Creola**, Brezeanu Marian Effect of carbohydrate type over the microspore embryogenesis at *Brassica oleracea* L. *Romanian Biotechnological Letters* Vol. 18, No. 5, 2013, 8677-8684

P. M. Brezeanu, N. Munteanu, **C. Brezeanu**, S. Ambarus, E. Draghici, M. Calin, T.O Cristea Antioxidant activity in selected tomato genotypes cultivated in conventional and organic culture systems *African Journal of Biotechnology* Vol. 12(20), pp. 2884-2899, 15 May, 2013 DOI: 10.5897/AJB2012.2931 ISSN 1684-5315 ©2013 Academic Journals

Marian Brezeanu, **Creola Brezeanu**, Silvica Ambarus, Neculai Munteanu, Elena Draghici Management of mineral accumulation in *Lycopersicon esculentum* Metalurgia International vol. XVIII no. 5 (2013) 243 - 247

Brezeanu, P.M., **Brezeanu, C.**, Ambarus, S., Calin, M., Cristea, T.O. and Branca, F. Studies in order to improve the range of varieties of autumn cabbage *Brassica oleracea* L. var. capitata Acta Hort. 1005, 221-224, DOI: 10.17660/ActaHortic.2013.1005.23

Ambăruș, S., **Brezeanu, C.**, Brezeanu, P.M. and Cristea, T.O The Morpho-Physiologic Analysis of Biodiversity of Melon Germ-Plasm Cultivated In Romania, Acta Hort. 918, 357-362, DOI: 10.17660/ActaHortic.2011.918.46

T. O. Cristea, C. Leonte, **C. Brezeanu**, M. Brezeanu, S. Ambarus, M. Calin M. Prisecaru Effect of AgNO₃ on androgenesis of *Brassica oleracea* L. anthers cultivated *in vitro*, African Journal of Biotechnology Vol. 11(73), pp. 13788-13795, 11 September, 2012, ISSN 1684-5315 © 2012 Academic Journals

Creola Brezeanu, Teodor Robu, Marian Brezeanu, Silvica Ambăruș "Investigation on genetic diversity of *Phaseolus* genus in order to select the most valuable breeding resources for sustainable production, clean environment and food security" *Proceedings of the 8th International Conference on Environmental Engineering and Management (ICEEM 08)* 397-399

P.M. Brezeanu, **C. Brezeanu**, S. Ambarus, F. Branca, T.O. Cristea Review of cultivated and spontaneous Brassicaceae species for use as medicinal in NE part of Romania - Acta Horticulture

P.M. Brezeanu, **C. Brezeanu**, S. Ambarus, T.O. Cristea Studies on documentation, evaluation and use of *Cucurbita moschata* Duchesne genetic resources Acta Horticulture

P.M. Brezeanu, **C. Brezeanu**, T. Robu, S. Ambarus Investigation on mung bean yield and quality related to different cultivation systems Acta Horticulture

Brezeanu Creola, Robu T., Brezeanu P. M. , Ambarus Silvica , 2015 Promoting Breeding of New Mung Bean Genotypes for Sustainable Agriculture and Food Security Journal of Horticulture, Forestry and Biotechnology, vol 19 (1), 2015, pg 21-23 ISSN 2006-1797

Teodor Robu, **Creola Brezeanu**, PM Brezeanu, Silvica Ambarus, 2014 Assessment of Mung Bean Yield Potential Production in the North Eastern Region of Romania, Scientific Papers Series A. Agronomy, Volume LVII, pg. 310 - 315 ISSN 2285-5785, ISSN-L 2285-5785.

Creola Brezeanu, Petre Marian Brezeanu, Silvica Ambarus, Calin Maria 2012 Assessment of vegetable resources conservation work at Vegetable Research Station Bacau Romania, Scientific Papers Vol. 55, Series Horticulture ED. "Ion Ionescu De La Brad" IAȘI 2012 ISSN–L=1454-7376,

Creola Brezeanu 2012 Identification and Study of Useful Germplasm Resources in Breeding at Climbing Beans, Journal of Horticulture, Forestry and Biotechnology Volume 16(1), 131-135 2012.

Creola Brezeanu, PM Brezeanu, Silvica Ambarus, 2011, A new *Phaseolus vulgaris* L. variety obtained at V.R.D.S Bacau – Perlata, Scientific Studies and Researches – biology - Vegetal series Volume 20, No: 1, 2011 Ed. Alma Mater Bacau, ISSN: 1224-919 X, PG. 79-81

Creola Brezeanu, Robu T., Brezeanu P.M., Ambăruș Silvica, Sansheng G. 2011 Documentation and Conservation on Genetic Resources of *Phaseolus aureus* Studies on the potential culture of species *Phaseolus aureus* Journal of Horticulture, Forestry and Biotechnology, vol 15 (1), 2011, pg 217-221 ISSN 2006-179

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