

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **BOTAU DORICA**
 Address(es) Calea Bogdanestilor, No.8, Timisoara, ROMANIA
 Telephone(s) **+4 0256.277238**
 Fax(es) **+4 0256.277263**
 E-mail **dbotau@yahoo.com**
 Nationality **romnian**
 Date of birth **11.11.1956**
 Gender **Fem.**

Employment / Occupational field

Banat's University of Agricultural Sciences and Veterinary Medicin "Regele Mihai I al Romaniei" Timișoara, Horticulture and Forestry Faculty, Calea Aradului no.119, 300645, Timișoara, ROMANIA, tel. +4 0256.277263. email usabtm@dnttm.ro

Work experience

Dates	2007-present
Occupation or position held	PHD Professor
Main activities and responsibilities	Teaching discipline: Industrial Biotechnologies; Genetics of microorganisms, Getting secondary metabolites by manipulation at the cellular and molecular level, Using microorganisms and genetically modified plants in environmental protection. Doctoral Leadership; diploma papers and dissertation guidance, Research project director
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicin "Regele Mihai I al Romaniei" Timișoara
Type of business or sector	Teaching and research in plant and microbial biotechnologies
Dates	1990-2007

Occupation or position held	Researcher (1990-1991); Assistant Professor (1991-1994); Lecturer (1994-2000); associate professor (2000-2007); Professor (2007-present)
Main activities and responsibilities	-Contract research - Teaching discipline: Microbiology, Industrial Biotechnologies; Genetics of microorganisms, Getting secondary metabolites by manipulation at the cellular and molecular level, Using microorganisms and genetically modified plants in environmental protection.
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine "Regele Mihai I al Romaniei" Timișoara

Type of business or sector	Mentoring diploma and dissertation papers; schoolmaster
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Dates	1984-1990
Occupation or position held	Biologist researcher
Main activities and responsibilities	Research in microbial and viral genetic engineering
Name and address of employer	Institute of Biology Bucharest
Type of business or sector	Experimental research contract

Dates	1982-1984
Occupation or position held	High School Teacher
Main activities and responsibilities	Teaching; educational
Name and address of employer	Industrial High School No. 2 Cugir jud. Alba
Type of business or sector	Teaching biology discipline; class master

Education and training

Dates	1971-1975
Title of qualification awarded	Baccalaureate diploma
Principal subjects/occupational skills covered	General knowledge
Name and type of organisation providing education and training	HighSchool Sebes, Alba county

Level in national or international classification

Baccalaureate (remove if not relevant, see instructions)

Dates

1978-1982

Title of qualification awarded

Bachelor's degree

Occupational skills covered

Professor of Biology

Name and type of organisation providing education and training

"Babes-Bolyai" University, Cluj-Napoca, Faculty of Biology, Geography, Geology, Department of Biology, Bachelor's Degree in Biology

Level in national or international classification

1993-1998

Dates

The PHD diploma

Title of qualification awarded

Doctor in Horticulture domain, specializing in genetics and plant breeding_(Regeneration and in vitro multiplication crop plants, stress selection in plant cell culture for tolerance unfavorable factors; in vitro mutagenesis, somatic variability induction and assessment by biochemical and cytogenetic methods; obtaining pharmaceutical preparations from medicinal plants, cells and tissues grown in vitro).

Occupational skills covered

Banat's University of Agricultural Sciences and Veterinary Medicine "Regele Mihai I al Romaniei" Timisoara

Level in national or international classification

2002, 2003, 2004

Dates

diploma

Title of qualification awarded

Achievements and Perspectives in Biology Seminars

Occupational skills covered

Plant genetic transformation; Molecular methods for the assessment of somatic variability in plant

Name and type of organisation providing education and training

Banat's University of Agricultural Sciences and Veterinary Medicine "Regele Mihai I al Romaniei" Timisoara

Level in national or international classification

2003, 2004, 2005, 2006, 2007

Dates

The application of molecular methods to investigate and study of variability in plants

Title of qualification awarded

Specializations within the themes of transfrontier projects

Occupational skills covered

University of Szeged

Name and type of organisation providing education and training

Personal skills and competences

Mother tongue(s)

romanian

Other language(s)

Self-assessment

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	English	B1	English	B1	English	B1	English	B1	English
A2	French	A2	French	A1	French	A1	French	A2	French

European level (*)

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

-very good capacity for teamwork formed and developed under contract research teams;

- Very good ability to adapt to multidisciplinary environments obtained through participation in international research projects transborder;

- Good communication skills obtained as a result of teaching and learning and higher education held

Organisational skills and competences

Director of research projects

Supervisor diploma projects from 1995 (total 76) and dissertation papers from 2000 (total 22);

Students' Scientific Coordinator; Group tutor students

Technical skills and competences

Competencies: stress selection in plant cell culture for tolerance at unfavorable factors, in vitro mutagenesis, somatic variability induction and assessment by biochemical, molecular and cytogenetic methods; getting herbal pharmaceuticals, cells and tissues cultured

Biotechnology Plant equipment operation in vitro laboratory

Page 3/9 - Curriculum vitae of Surname(s) First name(s)

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Computer skills and competences	Good operation computer
Artistic skills and competences	Passionate of nature and literature
Other skills and competences	<p>Membership in professional associations:</p> <ul style="list-style-type: none"> - Romanian Association of Tissue and Cell Cultures (1994 - present); - Association for Multidisciplinary Research in the Western Area of Romania (1997 - present) ; - Romanian Society of Cell Biology (1988-1998). - Romanian Horticulture Society - Branch Timisoara (2005-present).
Driving licence	No
Additional information	Include here any other information that may be relevant, for example contact persons, references, etc. (Remove heading if not relevant, see instructions)
Annexes	LIST OF RESEARCH CONTRACTS; List of scientific papers, patents, books.

7.03.2016

Botau Dorica

ANEXA

Research projects at the University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara

Nr.crt	Title of project	Period	Position	Beneficiary/Program
International Projects				
9	"Sustainable management of plant genetic resources in Western Romania - essential part of environmental protection"	2003	Research member	program PHARE, in colaboration with Szeged University
10	"Cross-border cooperation on plant genetic heritage management and preparation of experts - essential part of developing the western region of Romania and the Hungarian Great Plain"	2004	Research member	program PHARE, in colaboration with Szeged University
11	"Cross-border cooperation, the premise for the creation of a common integrated framework for management of plant genetic resources "	2005	Research member	program PHARE, in colaboration with Szeged University
National Projects				
12	"Regeneration multiplication in vitro and acclimatization fodder beet regeneranților "	1990-1992	asisstant coordinator	ICCPT Fundulea
13	"Using biotechnology to obtain new genotypes cultivated plants "	1991-1994	asisstant coordinator	MEN
14	" Obtaining transgenic plants by genetic engineering "	1995-1998	Research member	MCT
15	"Research on the in vitro cultivation of plant cells and tissues to obtain biologically active substances "	1999-2000	director	MCT
16	"Using "in vitro" mutagenesis Solanum melongena the selection of useful somatic changes"	2000-2003	asisstant coordinator	program RELANSIN
17	"Research on trans gene transfer and expression stability in vegetative and sexual progeny species Solanum "	2001-1004	asisstant coordinator	program BIOTECH
18	"Study of agronomic, economic and environmental impacts of modern biotechnology products in Romanian agriculture"	2003-2005	asisstant coordinator	program BIOTECH
19	"Promotion and extension of sustainable technologies, clean and efficient potato crop "	2001-2004	Research member	project Banca mondială
20	"Field testing and molecular characterization of the GM potato gene transfer cry IIIA provides resistance to the Colorado potato beetle "	2006	Research member	CNCSIS
21	"Improving quality by changing the feed alfalfa plant architecture using biotechnological methods "	2006-2008	Research member	CEEX
22	Induction of somatic variability at different medicinal plants in order to improve their therapeutic properties	2007-2010	director	IDEI

Articles published in journals recognized by CNCSIS - categories ISI, BDI and B 2005-2015

Nr.crt.	Name, surname of authors	Year of public.	Article title	Publication	Results project financing
1	Botău Dorica, Danci Oana, Danci Marcel,	2005	"In vitro" medium term preservation of different Romanian landraces,	Acta Biologica Szegediensis, vol. 49, nr. 1-2, p.41-42.	Contract RO2003/005.702.02-13; Valoare totala 54.000 Euro ; 2005

2	Botău Dorica, Falcen Camelia, Nedelea Gabriel, Șulea Diana	2005	The agronomic value of some mutant auberine lines obtained using eggplant "in vitro" techniques,	Simpozion științific internațional, „Realizări și perspective în agricultură”, Chișinău, 118-121.	Contract 01-5-PED-169; Valoare totală 125.000; 2001-2004
3	Botău Dorica	2006	The study of „în vitro” induced somaclonal variation in egg-plants (<i>Solanum melongena</i> L.),	Buletinul USAMV Cluj-Napoca, seria Zootennie și Biotehnologii, vol.62, p.178-181.	Contract 03-5-PED-3255; Valoare totală 53.500 Euro ; 2003-2005
4	Botău Dorica, Mihacea S., Petolescu C., Furdî F., Gergen I., Hărmanescu Monica	2008	The evaluation of variability induced by in vitro culture on <i>Momordica charantia</i> , using RAPD markers	Buletinul USAMV Cluj-Napoca, seria Animal Science and Biotechnologies, vol.65, p.312-315, ISSN 1843-5762, electr.1843-536x	Contract ID-731; Nr.409/2007; Valoare totală 1.000.000; 2007-2010
5	Botău Dorica, Lazăr Alexandru, Frânț Alexandra, Ciulca Sorin, Boldă Vanda	2009	Callus culture and cells suspension in <i>Momordica charantia</i>	Journal of Horticulture, Forestry and Biotechnology, vol.13,2009, p.447 -453. Timișoara	Contract nr. 409/2007 , cod ID_731
6	D. Botau, I.Ianculov, S.Ciulca, M.Cucu, A.Lazar, V.Boldă	2009	Biochemical assessment of somatic variability induced in some plant species with hypoglycemic effect,	Proceedings of Research people and actual tasks on multidisciplinary science, Lozenec, Bulgaria, ISSN 1313-7735	Contract nr. 409/2007 , cod ID_731
7	Dorica Botau, Alexandru Lazar, Sorina Mihacea, Cerasela Petolescu, Monica Harmanescu, Iosif Ianculov, Sorin Ciulca, Ioan Gergen	2009	Researches regarding somatic variability induced by cell suspension on Bitter melon (<i>Momordica charantia</i> L.) ,	Proceedings of 44th CROATIAN AND 4th International Symposium on Agriculture, ISBN 978-953-6331-67-3	Contract nr. 409/2007 , cod ID_731
8	Botău Dorica, Frânț Alexandra, Hărmanescu Monica	2010	Assessment of variability in regenerate of <i>Momordica charantia</i> by determining total antioxidant capacity	Journal of Horticulture, Forestry and Biotechnology, vol.14,2010, p.447 -453. Timișoara	Contract nr. 409/2007 , cod ID_731
9	Botău Dorica, Lazăr Alexandru, Boldă Vereș Vanda, Marcel Danci, Simina Alina	2010	Quantitative determination of compounds in cell cultures of bilberry anthocyanins by spectrophotometry	Journal of Horticulture, Forestry and Biotechnology, vol.14,2010, p.447-453. Timișoara	Contract nr. 409/2007 , cod ID_731
10	Botau Dorica, Ciulca Sorin, Frant Alexandra	2010	The field yield of <i>Momordica charantia</i> L. regenerants obtained by in vitro cultures	Proceedings of 45th CROATIAN AND 4th INTERNATIONAL SYMPOSIUM ON AGRICULTURE, ISBN 978-953-6331-67-3	Contract nr. 409/2007 , cod ID_731
11	Iosif Ianculov, Dorica Botau, Despina-Maria Bordean, Mioara Cucu, Vanda Boldă, Petronela Pruna	2010	Determination of total proteins in gemotherapeutic preparations with the Folin-Ciocalteu reagent	<u><i>Romanian Biotechnological Letters</i></u> <u>Vol. 15, No. 4,</u> <u>ISI</u>	Contract nr. 409/2007 , cod ID_731

12	Dorica Botau, Sorina Popescu, Monica Hărmănescu, Iosif Ianculov, Sorin Ciulca, Alexandra Franț	2011	Variability study of the some bioche-mical traits in <i>Mo-mordica charantia</i> cell lines	<u><i>Romanian Biotechnological Letters</i></u> <u>Vol. 16, No.1, 2011,</u> <u>Sup.</u> <u>ISI</u>	Contract nr. 409/2007 , cod ID_731
13	Bolda Vanda, Dorica Botau,	2011	Research on the composition of macroelements , microelements and havy metals of some wild bilberry (<i>Vaccinium myrtillus</i> L) calluses obtained by in vitro cultures	<i>USAMV Iasi, Lucrari stiintifice</i> , vol. 54, nr.2 / 2011, seria <i>Agronomie</i> , ISSN prin1454-7414 t; <i>ISSN electr.</i> 2069-7627	
14	Bolda Vanda, Dorica Botau, Reka Szollosi, Andrea Peto, Agnes Galle, Irma Tari	2011	Studies on elemental composition and antioxidant capacity in callus cultures and native plants of <i>Vaccinium myrtillus</i> L local population	<i>Acta Biologica Szegediensis</i> ,Nr.52(2), 2011 <i>www.sci.u-szeged.hu/ABS</i>	
15	Pauliuc I., Cimporescu Adinela, Vlad Daliborca, Popescu Roxana, Dorica Botău , Dumitrascu V.	2013	<i>Antitumor activity of Pleurotus ostreatus gemmotherapic extract</i>	Annals of the Romanian Society for Cell Biology Vol. XVIII, Issue I, pp. 178 – 181 IndexCopernicus Journal Information	
16	Dumitrascu V., Vlad Daliborca, Popescu Roxana, Cimporescu Adinela, Pauliuc I., Botău Dorica , Filimon Nicoleta	2013	<i>Antitumor effects of gemmotherapic extracts</i>	Bulletin of Romanian Society for Cell Biology [SRBC Abstract] No. 41, pp. 61. ISSN: 1584-5532IndexCopernicus Journal Information	
17	Dorica Botău Pauliuc I	2013	<i>Antibacterial activity of Momordica charantia L. gemmotherapic extract</i>	Scientific Bulletin Series F. Biotechnologies Vol. XVII, pp. 57 – 60. ISSN 2285-1364IndexCopernicus Journal Information	
18	Pauliuc I., Dorica Botău	2013	<i>Antibacterial activity of Pleurotus ostreatus gemmotherapic extract</i>	Journal of Horticulture, Forestry and Biotechnology, Vol. 17(1), pp. 242 – 245. ISSN 2066-1797 IndexCopernicus Journal Information	
19	Pauliuc I., Dorica Botău	2013	<i>Antifungal activity of Astragalus onobrychis L. extracts</i>	Scientific Bulletin Series F. Biotechnologies Vol. XVII, pp. 53 – 56. ISSN 2285-1364IndexCopernicus Journal Information	
20	Pauliuc I., Dorica Botău	2013	<i>Evaluation of antibacterial activity of Lentinula edodes gemmotherapic extract</i>	Journal of Horticulture, Forestry and Biotechnology, Vol. 17(1), pp. 246 – 249. ISSN 2066-1797IndexCopernicus Journal Information	
21	Dorica BOTAU , Vanda BOLDA	2013	<i>The selection of some tissue lines producers of anthocyanins in bilberry (Vaccinium mytillus L.) callus culture</i>	Scientific Bulletin Series F. Biotechnologies Vol. XVII, pp. 61 –64. ISSN 2285-1364IndexCopernicus Journal Information	

22	Pirvulescu Panfil, Botau Dorica, Ciulca Sorin, Madosa Emilian, Alexa Ersilia, Gergen Iosif	2014	Biochemical characterization of flour obtained from germinated cereals (wheat, barley and oat),	<u>Romanian Biotechnological Letters Vol. 19, No. 5, 2014 p.9772-9777, FI 2014 - 0.351 ISI</u>	
23	Vlad Cristian, Daliborca Vlad, Roxana Popescu, Ivan Pauliuc, Nicoleta Filimon, Adinela Cimporescu, Laura Gotia, Dorica Botau, Victor Dumitrascu	2014	Determination of antioxidant properties and phenolic content in extracts of <i>Momordica charantia</i>	<u>Journal of Biotechnology 185 (2014): S108 (rezumat) ISI</u>	
24	Botau D., Boldura V., Popescu S., Boldura O.	2014	Study of variability induced by in vitro cultures at blueberry population,	<u>SGEM 2014 Conference Proceedings, ISBN 978-619-7105-20-9 /ISSN 1314-2704, 2014, Vol. 1, 511-518 ISI</u>	
25	Popescu S., Boldura O., Botau D.	2014	The KNOX genes involvement in the development of multileaflet trait on tetraploid <i>Medicago sativa</i>	<u>SGEM 2014 Conference Proceedings, Vol. 1, 2014: 51-558 ISBN 978-619-7105-20-9 / ISSN 1314-2704 ISI</u>	
26	Dorica BOTAU, Vanda BOLDA, Sorina POPESCU, Oana BOLDURA	2014	The genetic variability evaluated with molecular markers on the bilberry tissue lines	Scientific Bulletin. Series F. Biotechnologies, Vol. XVIII, 2014 ISSN 2285-1364,	
27	Botau Dorica, Simina Alina	2014	The Bitter melon callus growth (<i>Momordica charantia</i> L.) in different <i>in vitro</i> systems	JOURNAL of Horticulture, Forestry and Biotechnology ,Volume 18(2), 133- 136, 2014	
28	Simina Alina, Botau Dorica, Popescu Sorina	2014	The evaluation of somatic variability in the callus of bitter melon (<i>Momordica charantia</i> L.) using molecular methods	JOURNAL of Horticulture, Forestry and Biotechnology ,Volume 18(3), 87-91, 2014	
29	Bozac P., Botau Dorica, Ciulca S.	2014	The influence of MGA and NS media over the isolation of <i>Fusarium</i> colonies from infected wheat seeds	JOURNAL of Horticulture, Forestry and Biotechnology ,Volume 18(4), 78-82, 2014	
30	Bozac P., Botau Dorica, Popescu Sorina, Boldura Oana, Alexa Ersilia	2014	Distribution of <i>Fusarium</i> species in Timis County (Western Romania) in relation with environmental conditions	JOURNAL of Horticulture, Forestry and Biotechnology Volume 18(2), 137- 140, 2014	
31	Botau Dorica, Simina Alina, Bolda Vanda	2014	Tissue lines selection in vitro, for some medicinal plants, using different hormonal balances	Book of abstracts 11th Congress of the Hungarian Society of Plant Biology, 2014	
32	Dorica BOTAU, Vanda BOLDA, Sorina POPESCU, Oana BOLDURA	2014	The genetic variability evaluated with molecular markers on the bilberry tissue lines	Scientific Bulletin. Series F. Biotechnologies, Vol. XVIII, 2014 ISSN 2285-1364,	
33	Cristian Rus, Renata M. Sumalan, Ersilia Alexa, Dana.M. Copolovici, Georgeta Pop, Dorica Botau	2015	Study on chemical composition and antifungal activity of essential oils obtained from representative species belonging to Lamiaceae family	<u>Plant Soil and Environment- ISSN 1214-1178 (Print), Pag 297-302, ISI, Factor: 1.407 http://agriculturejournals.cz/publicFiles/157020.pdf</u>	
34	Dorica Botau, Alina Simina, Anisoara-Aurelia Ienciu, Petru Merghes, Mihaela Malaescu	2015	The influence of growth regulators on callus culture at <i>Vaccinium myrtillus</i> and <i>Momordica charantia</i>	<u>Journal of Biotechnology 208 (2015): S114 (rezumat) ISI</u>	

35	<u>Ilinca Imbrea, Sorina Popescu, Alma Nicolin, Oana Boldura, Dorica Botau</u>	2015	The variability evaluation for wild peony collected from South-Western Romania	<u>Journal of Biotechnology</u> 208 (2015): S106-107 (rezumat), ISI	
36	Roxana Popescu, Cristina Vlad Daliborca, Adinela Cimporescu, Cristian S. Vlad, Doina Verdes, Dorica Botau, Marioara N. Filimon, Ivan Pauliuc, Cosmin Citu, Victor Dumitrascu	2016	Chemical Properties and in vitro Antitumor Effects of Momordica Charantia Extracts in Different Solvents	<u>REV.CHIM.(Bucharest)</u> vol.67No.1,2016 www.revistadechimie.ro ISI	

Articles published in journals recognized by CNCSIS - Class C

Nr.crt.	Name, surname of authors	Year of public.	Article title	Publication	Results project financing
1.	Botău Dorica	2004	The somaclonal variability of forage beet cultivated in the field,	<i>Biotehnologie și Biodiversitate</i> , Ed. Agroprint, Timișoara, 225-228	Contract 03-5-PED-3255; Valoare totala 53.500 Euro ; 2003-2005
2	Botău Dorica, Dragoescu Cerasela, Frățescu Mirela,	2004	Researches concerning the influence of hormonal balance and genotype upon „in vitro” regeneration and multiplication on strawberry (Fragaria x ananassa),	<i>Biotehnologie și Biodiversitate</i> , Ed. Agroprint, Timișoara, 1-4.	Contract RO2002/000-628-03; Valoare totala 53.500 Euro ; 2004
3	Botău Dorica	2004	Factors influencing the fermentation process of probiotic lactic bacteria,	Analele Univ. Ordea, p.115-118	Contract RO2002/000-628-03; Valoare totala 53.500 Euro ; 2004
4	Botău Dorica	2005	The salt stress influence on oat (<i>Avena sativa</i> L.) callus regeneration,	<i>Biotehnologie și Biodiversitate</i> , seria a IX-a, Ed. Agroprint, Timișoara, 85-88.	Contract RO2003/005.702.02-13; Valoare totala 54.000 Euro ; 2005
5	Botău Dorica	2005	The study on agronomic value of some mutant lines using eggplant <i>in vitro</i> techniques,	Cercetari stiintifice, p. II, Horticultura, ed. Agroprint, Timișoara, p.37-40,ISSN 1453-1402.	Contract 01-5-PED-169; Valoare totala 125.000; 2001-2004
6	Botău Dorica, Lazăr A., But S.	2007	Cell biomass producing to Vitis vinifera in different system cultures,	Cercetări Științifice, Horticultură-Inginerie genetică, p.284-288, ISSN 1453-1402.	Contract RO2003/005.702.02-13; Valoare totala 54.000 Euro ; 2005
7	Botău Dorica, Frant Alexandra	2008	Researches regarding in vitro cultures conditions influencing on <i>Momordica charantia</i> L. regeneration	Cercetări Științifice, Horticultură-Inginerie genetică, p.48-50, ISSN 1453-1402	Contract ID-731; Nr.409/2007; Valoare totală 1.000.000; 2007-2010

Patents / intellectual property Products

Nr.crt.	Name, surname of authors	Year of public.	Title of patent / product
1	Ianculov Iosif, Botau Dorica, Ciulca Sorin, Palicica Radu, Halmagean Lucian, Crisan Simona, Lazar Alexandru	2010 Nr.patent : 125280	Preparat gemoterapeutic for the treatment of non-insulin-dependent diabetes on the basis of Momordica charantia, Register OSIM patent application No. A / 00 742 of 22.09.2008
2	Botau Dorica , Ianculov Iosif, Sărăndan Horea, Lazăr Alexandru, Tudor Constantin	2009 patent application	Medicinal compositions based on plant tissues cultured in vitro for the treatment of non-insulin-dependent diabetes No registration OSIM A / 00688 of 08.09.2009
3	Botau Dorica, Ianculov Iosif, Sărăndan Horea, Tudor Constantin	2010 patent application	Natural pharmaceutical preparation for the treatment of cancers, No registration OSIM A / 00282, 25.03.2010
4	Ianculov Iosif, Botau Dorica , Ciulca Sorin, Palicica Radu, Cucu Mioara, Frant Alexandra	2010 patent application	The process for obtaining a prepared herbal elixirs and mushrooms, No registration OSIM A / 00498 of 08.06.2010

5	Alexa Ersilia, Botau Dorica , Poiana Mariana, Ravis Adrian, Vasilcin Anka	2014 Mark No.132183	TPA brand Muffins Muffins BIO BASED ON FLOUR PREMIX natural enrichment in iron OSIM registration No.: M 2014 00914 / 12.02.2014
6	Botau Dorica , Alexa Ersilia, Negrea Monica, Pirvulescu Panfil, Vasilcin Anka	2014 Mark No.132185	MOMGERMBISC brand Cookies run on wheat germ extract Momordica charantia OSIM registration No.: M 2014 00913 / 02.12.2014
7	Alexa Ersilia, Botau Dorica , Ravis Adrian, Mirzu Ionela Luminita, Pirvulescu Panfil, Ciulca Sorin	2015 Mark No. 135396	BIOGERMPASTA brand functional Pasta M 2014 06523 of 14/10/2014

BOOKS, monographs, treatises published as part of the undergraduate program

Nr.crt.	Authors	Title	Anul publicării	Publisher, ISBN	No. pages
1.	Botău Dorica	Industrial biotechnologies	2006	EUROBIT	306
2.	Botău Dorica	Horticultural biotechnology	2006	EUROBIT	201
3	Botau Dorica	Genetic of microorganisms	2000	MARINEASA	198
4	Botau Dorica	Microbiology	2003	BUASM TIMISOARA	100
5	Anghel Ion (coordinator); Botau Dorica	Genetic Engineering – Lecture notes -2 Chapters: <i>Restriction enzymes; Amylase gene cloning in bacterial hosts</i>	1988	Bucuresti University	42

Awards

- Gold Medal - Exhibition of Inventions EUROINVENT Iasi, 2009
- Gold Medal - Exhibition of Inventions PROINVENT Cluj-Napoca, 2009
- Gold Medal - Exhibition of Inventions INVENTIKA, Bucharest, 2009
- **Silver Medal - British Invention Award, London 2009**
- **Gold Medal - Exhibition of Inventions Geneva 2010**
- **Silver Medal at the Exhibition of Inventions Brussels - Eureka 2010**
- **Plaque AGRO ARCA - Exhibition of Inventions, Zagreb, 2010**
- Gold Medal - Exhibition of Inventions EUROINVENT, Iasi, 2010
- WOMAN INVENTOR Diploma - EUROINVENT Exhibition of Inventions, Iasi, 2010.
- Gold Medal - Exhibition of Inventions PROINVENT, Cluj-Napoca, 2010
- **Diploma of State University of Medicine and Pharmacy "Nicolae Testemitanu" Chisinau** - Exhibition of Inventions PROINVENT, Cluj-Napoca, 2010
- Diploma of Excellence ANCS 2010
- Diploma of Excellence from Horticulture and Forestry Faculty, USAMVB Timisoara
- Gold Medal - Exhibition of Inventions EUROINVENT, Iasi, 2011
- Gold Medal Exhibition of Inventions PROINVENT, Cluj-Napoca, 2011
- Medicine Prize Award, Exhibition of Inventions EUROINVENT, Iasi, 2011
- Order in rank of Commander Gogu Constantinescu, the exhibition of inventions PROINVENT, Cluj-Napoca, 2012
- Regional Innovation Prize- -5000 ron Salon Tehimpuls Arad, 22013
- Prize Of Romanian Inventators Forum , Salon EUROINVENT Iasi, 2013
- Diploma Of Excellence - Book Salon, EUROINVENT Iasi, 2013
- Order Leonardo Da Vinci in the rank of Commander, Exhibition of Inventions EUROINVENT , Iasi, 2013
- AGEPI Medal , Salon EUROINVENT Iasi, 2013
- Bronze Medal Salon EUROINVENT Iasi, 2013
- Gold Medal , Exhibition of Inventions PROINVENT, Cluj-Napoca, 2014
- Gold Medal - Exhibition of Inventions EUROINVENT, Iasi, 2014
- Gold Medal - Exhibition of Inventions PROINVENT, Cluj-Napoca, 2015
- Excellence Diploma of Technical Sciences Academy, Romania, PROINVENT Cluj 2015
- Excellence Diploma of Valahia University, PROINVENT - Cluj 2015
- **Special Award of ASIA INVENTION ASSOCIATION**, - Exhibition of Inventions EUROINVENT, Iasi, 2015
- Silver Medal at the Exhibition of Inventions EUROINVENT, Iasi, 2015
- Gold Medal at the Exhibition of Inventions EUROINVENT, Iasi, 2015
- **Gold Medal Exhibition of Inventions INFOINVENT, Chisinau, Moldova, 2015**
- **Silver Medal at the Exhibition of Inventions INFOINVENT, Chisinau, Moldova, 2015**
- **Special prize of National Public Health Center, at the Exhibition of Inventions INFOINVENT, Chisinau, Moldova, 2015**