

Curriculum Vitae
**Barbulescu
 Iuliana Diana**



E-mail	barbulescudia@yahoo.com
Nationality and Date of birth	Romanian , December 23, 1976
Occupation or position held /DATES	GENERAL MANAGER /AUGUST 2011 -present
Position On the project	Project Responsible
Name and address of employer / Type of business or sector	S.C.PHARMACORP INNOVATION S.R.L, Bucharest, Spl. Unirii street, no 313, Romania, www.pharmacorp.ro, / RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY
WORK EXPERIENCE	National Institute for Chemical – Pharmaceutical Research and Development, <i>Dept. Pharmaceutical Biotechnology</i> Bucharest, Romania July 2002 - June 2011
* Occupation or position held	PhD.eng, biotechnologist – scientific researcher III/Project manager
EDUCATION AND TRAINING	
OSIM -2011- Diploma for Counselor – Intellectual Property rights Course - Intellectual Property - Patents, May 2009	
OSIM -march 2011-exam passed for the attestation of the quality of Counselor - Intellectual Property rights	
Internsheep - November 2011 – University Complutense – Madrid during Postdoctoral school Project POSDRU/89/1.5/S/52432 (UPB – Bucharest Romania)	
Postdoctoral research field: Biotechnologies for medical applications 3.01.2011-31.12.2011- Promotion I (2011) Intensive Course Business and Biotechnology – Bruxelles - January 2010	
Doctorate thesis - Thesis title: "Contribution for obtaining some food supplements from wine yeast, adding chromium or selenium (2003-2007) - University at the Agronomical Sciences and Veterinary Medicine Bucharest	
Graduated – Bucharest University – Biology Faculty – Master - Genetic specialization 2001-2003	
Graduated - Agronomical Sciences and Veterinary Medicine Bucharest - Biotechnology Faculty 1996-2001 - Industrial biotechnology - Engineer Degree	
Editorial board member - International Journal of Food and Biosystems Engineering http://fabe.gr/images/fabe_2017/journal/ifbevol4.pdf	
Reviewer and Member of the Scientific Committee – IC FaBE 2013 International Conference, 30 May-02 June 2013, Skiathos Island, Reviewer – Romanian Biotechnological Letters Reviewer and Member of the Scientific Committee – IC FaBE 2013 International Conference, 2015, Myconos Greece. / Reviewer – World Journal of Microbiology and Biotechnology Invited speaker – VH yeast conference 2014 – April 2014 _ Istanbul Oral presentation at Pleasure Conference – La Rochelle – June 2014	
PRIZES	
Exhibition of Inventions Geneve (2006, 2010, 2011)	-gold medals
Exhibition of Invention in the Croatia - Zagreb (2007)	-Special prize from Croatia - Arca 2007 – Nagrada -Special prize IWIS Prize from Poland - CROATIA
INVENTIKA-International Exhibition of Inventions, Scientific Research and New Technologies –Bucharest (2007,2009)	-Special prize - IFIA Lady Prize -Special OSIM PRIZE
Brussels Innova- The Belgian International Trade Fair for Technological Innovation (2007,2008, 2009)	-gold medals with mention; -Special prize from "Association of Polish Inventors & Rationalizers"
International Exhibition of Innovation Kuwait (2010)	-gold medal and Diploma for genial idea-Spanish inventors club
Innovation and Investments - Exhibition - Moscow (2010)	-gold medal
For patent demand OSIM nr: . A/00600/29/08/16” were obtained the next prizes: -Special Award for the invention: “Bio-ingredient based on adapted yeast biomass enriched in calcium and method for obtaining Presented at FAIR OF INVENTIONS AND PRACTICAL IDEA, “INVEST -INVEST”2016 FROM ROMANIAN ASSOCIATION FOR NONCONVENTIONAL TECHNOLOGIES,ROMANIA -DIPLOMA PENTRU WOMAN INVENTOR SI MEDALIA DE AUR authors: IULIANA DIANA BARBULESCU , S.I Marinescu, M.Frincu , IASI, Targul International de inventii si idei practice INVEST INVEST 2016	
1.,Process by obtaining of the bio preparation by selenium yeast from cultures by <i>Saccharomyces cerevisiae</i> "- Authors: Ana Ionita, Diana Barbulescu , Rughinis Domnica, Albulescu Mihaela, Raitaru Geta, Patent no. Brevet nr. 122013/28.11.2008;	
2.Process for obtaining an chromium yeast bioproduct, Authors: Diana Barbulescu , Ana Ionita, Campeanu Gheorghe, Raitaru Geta , Popa 3.Ovidiu, et al., Patent no RO 123379/2011-	
3.Process for obtaining a bioproduct based on selenium and chromium, Inventors: Diana Barbulescu , Popa Ovidiu, et al., RO 125079/2011	
4.Technology for obtaining a biopreparate based on copper, zinc and manganese under microbial bioconversion, Patent; Brevet;	

RO125200 (B1) **Inventors: Barbulescu Iuliana Diana**, Geta Raitaru, Nicoleta Rusu

5. Feed supplement enriched with minerals-vitamins and proteins, autor **Barbulescu Iuliana Diana** et al, nr. A/00314/18.04.2014

6. Biosynthesis of antidiabetic compounds based on yeast biomasses enriched with minerals-vitamins and proteins” **Barbulescu Iuliana Diana** et al, A/00746/2014

7. Bioingredient based on adapted yeast biomass enriched in calcium and method of obtaining, no: A/00600/29/08/16

8. Product by biomass yeast adapted, enriched in calcium and iron and process for obtaining, **Barbulescu Iuliana Diana**, et al A/00737 din 18.10.2016

9. Bioingredient based on yeast biomass enriched in iron and method of obtaining, no: **Barbulescu Iuliana Diana**, A/00764 din 27.10.2016

10. Bakery products and yeast biomass enriched in organic selenium as well as obtaining processes through the utilisation of spent brewing yeast” , A/00958/05.12.2016;

Abstracts - ISI Proceedings:

1. Albulescu R., Gheorghiu E., Ponta C., **Barbulescu D.**, Casarica A., Marinescu C., Ghera D., Zharachescu V., Stan A Fungal Chitosan: Isolation and Biological Characterization, FEBS Journal 276 (Suppl. 1), 272-272, 2009;

2. Mihaela Begea, Gigel Paraschiv, Razvan Teodorescu, **Iuliana Diana Barbulescu**, Liviu Grigorică, Radu Tamaian, Radu Tamaian, Isolation of yeasts with potential of utilization in food biotechnologies, Abstracts / Journal of Biotechnology 208 (2015) S5–S120,

<http://www.sciencedirect.com/science/journal/01681656/208/supp/S>

ISI PUBLICATIONS

1. **D. Barbulescu**¹, et al, Obtaining yeast biomass enriched with copper, zinc and manganese, Romanian Biotechnological Letters, Vol (1), pp5008-5016, January 2010.

2. O.Popa, Narcisa Babeanu, A.Vamanu, E.Vamanu and **Diana Barbulescu**, Microorganisms mediated reduction of β Ketoesters, *African Journal of Biotechnology Vol 7 (20)*, pp3515-3520, octomber 2008.

3. Lucia Pirvu, **Diana Barbulescu**, Obtaining and chemical characterization of some vegetal extracts with corrosion-scaling inhibition properties. Part II. Juglandis folium and Agrimoniae herba extracts, Romanian Biotechnological Letters 2011

Iuliana Diana Barbulescu, et al, Improving wine-making products with selenium and total polyphenols - et al *Romanian Biotechnological Letters Vol. 17, No.5, 2012*

4. **I.D. Barbulescu**, S.I. Marinescu, M. Begea, R.I. Teodorescu, Review: Reducing Sugar in Food as an Option for Lowering the Risk of Diabetes, RBL, vol 21, nr.2, 2016;

5. V TUDOR, C. MANOLE, R. TEODORESCU, A. ASĂNICĂ, **Iuliana Diana BĂRBULESCU**, „ANALYSIS OF SOME PHENOLIC COMPOUNDS AND FREE RADICAL SCAVENGING ACTIVITY OF STRAWBERRY FRUITS DURING STORAGE PERIOD”, ”Agriculture for Life, Life for Agriculture” International Conference 4-6 June 2015

Publications – CNCSIS (B si B+)

1. **Diana Bărbulescu**, Ana Ioniță, Rodica Balaș, O.Popa, A.Vamanu, Gh. Campeanu, The influence of culture conditions on chromium yeast production using a *Saccharomyces cerevisiae* strain” Sciences papers of Biotechnologies, vol. 39 (1), pp 1-6; 2006;

2. Screeningul unor tulpini de drojzii pentru producerea de biomasă îmbogățită cu crom organic cu efect terapeutic și bioproductiv Ioniță Ana, **Bărbulescu Iuliana Diana**, Gheorghiu Eleonora –Maria, Popa O., Vamanu A, vol. XXVIII (2005), Timișoara, pp 779-783; pp 810-816

3. The importance of selenium from powder of skins and seeds of Italian grapes and wine, resulting from the vinification processes, **Iuliana Diana BARBULESCU**, Nicoleta Badea, Mariana Ferdes, Journal of Agroalimentary Processes and technologies 2011, 17(3

4. Identification of Yeasts Tested for Fermentation on Different Carbon Sources, **I.D. Bărbulescu**, et al, *Progress of Cryogenics and Isotopes Separation, volume 18, issue 2/2015*;

5. “Identification of new isolates (micro-organisms) from vineyard epiphytic microflora using MALDI-TOF mass spectrometry” **I.D. Barbulescu**, *Progress of Cryogenics and Isotopes Separation*; 2016

6. M. Begea, L. Berkesy, C. Berkesy, Al. Cîric, M. Fl. Duțu, **I.D. Bărbulescu** (2016). Approaches of the current paradigm biofuels vs. food. Proceedings of the 5th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2016,

Golden Sands – Bulgaria, 2-4 June 2016, 199-202. <http://www.tererd.pub.ro/>

<http://www.tererd.pub.ro/wp-content/uploads/2015/01/Proceedings-of-TE-RE-RD-2016.pdf>

PARTICIPATIONS AT CONFERENCES (2013-2017)

1) A Case Study – Identification of Yeasts in Order to Implement *Terroir* and Vineyard Management at Oprisor Winery Using the GIS Technology and a Proteomic Approach, **Bărbulescu Iuliana Diana**, Mihai Doru, et al **SYMPOSIUM ISSY 2015 –PERUGIA**

2) Isolation and screening of wine yeasts at different concentrations of Fe and Ca to enrich yeast biomass **Iuliana-Diana BARBULESCU**¹, et al –FABE 2013

3) Optimization of the Bioprocess for Producing Dry Yeast Biomass Enriched with Minerals, **Iuliana Diana Bărbulescu**, Simona –Ioana Marinescu, et al **SYMPOSIUM ISSY 2015 –PERUGIA**

4) Biotechnological processes in order to obtain biomasses enriched in minerals using different yeast strains,, **Iuliana-Diana BARBULESCU**, Simona Marinescu, , et al, invited speaker VH Conference Istanbul 2014 – **Invited speaker**

5) Peptide mass fingerprinting of red wine varieties using a MALDI-TOF mass spectrometry approach Session 2B: Yeasts in food biotechnology: detection methods and strain improvement, Perugia ISSY 32, Begea M., **Bărbulescu Iuliana-Diana**, Marinescu Simona-Ioana, Dincă Oana-Romina, Ionete Roxana-Elena, Tamaian Radu

6. **Isolation of yeasts from the epiphytic microflora associated with red grapes in the Area Oprisor (Romania)**, Mihaela Begea, Iuliana Diana Barbulescu, FABE 2015; http://fabe.gr/images/stories/COMMITTEES/scientific_final.pdf

<p>PROJECT MANAGER at INCDCF-ICCF</p> <p>PROJECT MANAGER at INCDCF-ICCF</p> <p>Team member at more than 10 projects and responsible by biosynthesis activities from project at INCDCF-ICCF</p>	<p>NUCLEU/2006-2008 Studies of screening, selection and cultivation methods in the laboratory of strains of yeast to obtain a organometalic product based biomass enriched through zinc, copper and manganese with therapeutic effect</p> <p>PN II – 61028 BIOTECHNOLOGY SECTION (2007-2010) Obtaining of some products with hypoglycemic action</p> <p>PN II - Ensuring the safety and quality of forage and livestock products by nutritional solutions to diminish the negative effects of mycotoxins, contaminated natural feed for farm animals and humans (2008-2011)</p>
<p>PROJECT COMPLETED AS PROJECT MANAGER</p>	<p>1. Innovation voucher/PN-II-IN-CI-2013-1-0053“ Innovative added-value feed product based on spent brewing yeast”(2013-2014) – project responsible at PHARMACORP INNOVATION</p> <p>2. Safety and tolerability of calcium and iron-enriched oats containing gluten-free diet - PN-II-PT-PCCA-2011 (2012-2016) project responsible</p> <p>3. Eureka/PN-II-IN-EUK-2012-1-0012/ "Innovative biofortified bakery products through valorification of brewing by-products" (2013-2016) Project responsible</p>
<p>PROJECT IN PROGRESS AS PROJECT MANAGER</p>	<p>4. Parteneriate” –2014-2017 „Increasing the competitiveness of wine-growing products, applying bioconversion technologies” -</p> <p>5 PN-III-P2-2.1-BG-2016- 0308 Bridge 2016-2018.Optimization of the modern technology for processing brewing spent yeast and obtaining of derived products</p>

Data
01.08.2017

Signature
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