

		
Europass Curriculum Vitae		
Personal information		
First name(s) / Surname(s)	Diana-Roxana Pelinescu (maiden name Smarandache)	
Institute address(es)	Intrarea Portocalelor no. 1-3, sector 6, Bucharest, Romania, postal cod 060101	
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E-mail	diana_smarandache@yahoo.com and drpelinescu@yahoo.com	
Nationality	romanian	
Date of birth	11.12.1975	
Gender	F	
Workplace		University of Bucharest, Faculty of Biology, Department of Genetics
Present position	Associate professor- University of Bucharest, Faculty of Biology, Departament of Genetics	
Work experience		
Dates	1998-present	
Occupation or position held	Research Assistant, Researcher (1998-2002); Assistant Professor (2002-2004); Senior Assistant Professor (2004-2008); Lecturer (2008-2014), Associate professor (2015-present)	
Main activities and responsibilities	<p>2002-present: didactic activity - University of Bucharest, Faculty of Biology</p> <p>1998-present: research activity - University of Bucharest, Faculty of Biology, Department of Genetics</p>	
Name and address of employer	University of Bucharest, Faculty of Biology, Department of Genetics, Aleea Portocalilor nr.1-3, Sector 6, Bucharest, zip cod: 060101	
Main activities and responsibilities	<p>Teaching activity: Courses and practical courses at Microbial genetics, Genetic engineering, Molecular biology techniques disciplines with undergraduate and master students of Faculty of Biology - University of Bucharest. During my academic activity I was scientific coordinator/ supervisor of bachelor. Dissertation and doctoral thesis.</p> <p>Scientific activity Main research Themes: Molecular taxonomy studies on microorganisms with biotechnological potential (lactic acid bacteria and yeasts); Microbial biodiversity analysis in animal and human tract, respectively in fermented foods; The influence of some products/compounds (probiotics, mushrooms, synbiotics, s.o.) on the dynamics of gastrointestinal tract microbiota. Improvement of lactic acid bacteria strains using genetic engineering techniques; Analysis of the indigenous lactic acid bacteria probiotic potential - the production of antimicrobial compounds (organic acids, hydrogen peroxide, bacteriocins), hypocholesterolemic and immunomodulation activities Studies on the identification and characterization of pathogenic microorganisms in the gastrointestinal and urogenital tract using <i>in vitro</i> models; Scientific research was conducted within the 39 national projects (four as project manager) and an international project.</p>	

Main activities and responsibilities	<p>Project coordinator:</p> <ul style="list-style-type: none"> ➤ PCCA 77/2012 "Innovative, multidisciplinary research to investigate the probiotic effects of new lactic acid bacteria strains and consortia"; ➤ PCCA105/2012 "Selection of novel functional lactic acid bacteria from plant origin materials, with potential applications in food biotechnology" (partner in a research consortium) ➤ TE66/2010 "Molecular analysis of probiotic strains antimicrobial activity mechanisms against urogenital infectious agents" ➤ CNCSIS AT/2000 "Identification, biochemical and genetic characterization of lactic acid bacteria strains of biotechnological interest" <p>Following the conducted studies, a total of 178 original scientific papers were published of which: a chapter in a collective volume, 50 original scientific articles in ISI journals, 4 national patents, 35 articles published in international data base indexed journals (Medscape - MEDLINE, NCBI, BIOSIS Previews, so), 5 articles in other journals, two articles in volumes of international conferences, 60 scientific works (poster) presented at international scientific meetings (published in abstract), 20 scientific works presented at conferences (poster) at national conferences (published in abstract) and 4 oral scientific communications (one international and three national). 621 citations in scientific research papers.</p> <p>Other Activities</p> <p>Member in Faculty of Biology Council. Member of the bachelor committees and commissions for vacant academic positions in the Faculty of Biology. Article reviewer for the following journals: African Journal of Microbiology Research, Journal of Food Science, International Journal of Biodiversity and Conservation, International Research Journal of Microbiology, Journal of Bacteriology Research, Journal of Microbiology and Antimicrobials, Anaerobic.</p>
Education and training	
Dates	2000 - 2007
Title of qualification awarded	PhD in Biology
Principal subjects/occupational skills covered	Biology, Microbiology, Genetics
Name and type of organisation providing education and training	University of Bucharest, Faculty of Biology
Level in national or international classification	PhD studies
Dates	1998-2000
Title of qualification awarded	Master's degree applied Enzymology, A Nr. 0001496
Principal subjects/occupational skills covered	Cell Biocatalysts, biosensors, catalysis, enzymology, genetic engineering
Name and type of organisation providing education and training	University of Bucharest, Faculty of Chemistry
Dates	1994-1998
Title of qualification awarded	Biochemist/Bachelor's Degrees, R Nr. 0034814
Principal subjects/occupational skills covered	Chemistry, Biochemistry, Physics, Mathematics, Cell Biology and Molecular, Microbiology, Biophysics, Genetics, Pedagogy
Name and type of organisation providing education and training	University of Bucharest, Faculty of Chemistry
Level in national or international classification	University studies
Dates	1990 – 1994
Title of qualification awarded	High school degree, J Nr. 185783
Principal subjects/occupational skills covered	Branch of knowledge: Biology, Chemistry, Physics,

Name and type of organisation providing education and training	Al. I. Cuza High school, Bucharest / Ministry of Education									
Level in national or international classification	High school studies									
Post graduated courses/ research internships	<p>Courses</p> <ul style="list-style-type: none"> ➤ "Nicolae Simionescu "Institute of Cellular Biology and Pathology - Postgraduate Course "From cell biology and molecular biology to the medicine of XXI century» 6th edition, October 13 to 20. 2006, Bucharest ➤ University of Bucharest, Faculty of Biology - Postgraduate training course in the field of life sciences in Microbiology, Biochemistry and Molecular Biology, organized by France Eembassy and University of Paris-SUD, 8 -10 November 1999 and 18-19 June 2001. ➤ Institute of Biochemistry Bucharest - Preparatory part of the Advanced Theoretical Practical Course "Recombinant DNA Technology", 20-24 August 2001, Bucharest. <p>Internships</p> <ul style="list-style-type: none"> ➤ Children's Research Centre Our Lady's Hospital for Sick Children, Dublin, Ireland, Research internship 9 July – 1 September 2010. ➤ Vrije Universiteit Brussels, Belgium, Research internship 1 July – 30 September 2003, 1 June – 30 August 2004 . ➤ University of Hamburg, Germany, Scholarship SOCRATES – ERASMUS –1 may – 30 September 2002. 									
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			
Language	1	English	C2	1	C2	1	C1	1	C2	1
Language	2	French	C2	2	C2	2	B2	2	B2	2
	(*) Common European Framework of Reference for Languages									
Social skills and competences										
Organisational skills and competences	Member of the Faculty of Biology Board , 2012 - present									
Technical skills and competences										
Computer skills and competences	MS Office 2007 and Vista, different programs like CorelDraw, Adobe Photoshop, Internet									
Artistic skills and competences										
Other skills and competences	Driving licence B									
Additional information	<p>MEMBER IN NATIONAL / INTERNATIONAL SCIENTIFIC SOCIETIES</p> <p>Member of the Society of Biological Sciences in Romania</p> <p>Member of Romanian Society of Biochemistry and Molecular Biology, affiliated to the Federation of European Biochemical Societies</p> <p>Member of Romanian Society of Microbiology, affiliated to the European Federation of Microbiological Societies</p>									

Annexes	Most representative publication list
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MOST REPRESENTATIVE PUBLICATIONS LIST

I. Books

1. Jurcoane S. (coordinator), Cornea P., Stoica I., Vassu T., Rodu A., Săsărman E., Lazăr V., Israel F., Vintilă T., Dragomirescu M., Tamba R., Burcea M., Dinu L., Luchian V., Smarandache D., Balotescu C., Popa C., 2006, *Biotechnology treatise Vol. II*, Ed. Tehnică, Bucharest, ISBN (10) 973-31-2279-3, (13) 978-073-31-2279-1.

II. Research articles in Thomson ISI journals

1. Vamanu E., Gatea F., Sârbu I., Pelinescu D., 2019, An In Vitro Study of the Influence of Curcuma longa Extracts on the Microbiota Modulation Process, In Patients with Hypertension, *Pharmaceutics* 11(4),91; <https://doi.org/10.3390/pharmaceutics11040191>
2. Sarbu I., Vassu T., Chifiriuc M.C., Bucur M., Stoica I., Petrut S., Rusu E., Moldovan H., Pelinescu D., 2017, Assessment the Activity of Some Enzymes and Antibiotic Substances Sensitivity on Pathogenic Bacteria Species, *Revista de Chimie* 68(12), 3015-3021
3. Rusu E., Sarbu I., Mitache M., Moldovan H., Biris C.I., Vassu T., Pelinescu D., 2017, Ultrastructural Changes of *Candida albicans* Species Induced by the Presence of Sodium Diclofenac, *Revista de Chimie* 68(11), 2566-2569
4. Vamanu E., Pelinescu D., 2017, Effects of mushroom consumption on the microbiota of different target groups—Impact of polyphenolic composition and mitigation on the microbiome fingerprint, *LWT-Food Science and Technology* 85, 262-268
5. Rusu E., Sarbu I., Cristescu C., Coculescu B.I., Moldovan H., Petrut S., Muresan A., Vassu T., Pelinescu D., 2016, Highlighting the antimicrobial activity of organic compounds isolated from some strains of lactic acid bacteria, *Revista de Chimie* 67, 2417-2421
6. Sarbu I., Vassu T., Stoica I., Dascalu L., Chifiriuc C., Pelinescu D. 2015, Phenotypic and genotypic assessment of *Lactobacillus plantarum* influence on *Candida albicans* fluconazole resistance, *Annals of Microbiology* 66(2), 817-823.
7. Sarbu I., Pelinescu D., Ionescu R., Dascalu L., Alexandru I., Chifiriuc C., Rusu E., Nedelcu I., Vassu T. 2015, Influence of non steroidal anti-inflammatory drugs on antifungal resistance of *Candida* strains isolated from vulvo-vaginal infections. *Farmacia* 64(2), 274-277.
8. Moroeanu V.I., Vamanu E., Paun G., Neagu E., Ungureanu O.R., Eremia S.A.V., Radu G.-L., Ionescu, R., Pelinescu D.R., 2015, Probiotic Strains Influence on Infant Microbiota in the In Vitro Colonic Fermentation Model GIS1, *Indian Journal of Microbiology* 55(4), 423-429.
9. Taranu I., Marin D. E., Pistol G. C., Motiu M., Pelinescu D., 2015. Induction of pro-inflammatory gene expression by *Escherichia coli* and mycotoxin zearalenone contamination and protection by a *Lactobacillus* mixture in porcine IPEC-1 cells, *Toxicol*, vol. 97, 53-63
10. Vamanu E., Sarbu I., Nedelcu I., Pelinescu D., 2014, Study of PROEXO product influence on infant microbiota in an in vitro colonic fermentation system, *Annals of Microbiology* 65(2), 1189 -1193.
11. Vamanu E., Pelinescu D., Gatea F., Sârbu I., 2019. Altered in Vitro Metabolomic Response of the Human Microbiota to Sweeteners. *Genes*, 10(7), 535
12. Patrinoiu, G., Dumitru, R., Culita, D. C., Munteanu, C., Birjega, R., Calderon-Moreno, J. M., Cucos A., Pelinescu D., Chifiriuc M.C., Bleotu C., Carp, O., 2019. Self-assembled zinc oxide hierarchical structures with enhanced antibacterial properties from stacked chain-like zinc oxalate compounds. *Journal of colloid and interface science*, 552: 258-270.
13. Petrut S., Sarbu I., Corbu V.M., Pelinescu D., Iftime O., Vassu-Dimov T., 2019. Screening of lactic acid bacteria from spontaneously fermented products of Romania, *Romanian Biotechnology Letters*, 24(2): 254-260.
14. Vamanu E., Pelinescu D., Avram I., 2018, Antioxidative Effects of Phenolic Compounds of Mushroom Mycelia in Simulated Regions of the Human Colon, In Vitro Study, *Polish Journal of Food and Nutrition Sciences* 68(1), 83-90
15. Gagiu V., Israel-Roming F., Pelinescu D., Dobre A.A., Cucu M.E., Smeu I., Iorga E., Cornea C.P., Stoica I., Belc N., 2017, Synergistic effects of the biological and chemical preservatives in dough fermentation, *Romanian Biotechnological Letters* 22 (5), 12915 – 12925
16. Ionescu R, Mereuta I., Pelinescu D., Csutak O., Tănase A.-M., Vassu T., Stoica I., 2017, Screening and molecular analyses for biosurfactant production by *Pseudomonas aeruginosa* strains from oil polluted soil, *Romanian Biotechnological Letters* 23(4), 6p.
17. Mureșan A., Sârbu I., Pelinescu D., Ionescu R., Csutak O., Stoica I., Vassu-Dimov T., 2017, In vitro selection of some lactic acid bacteria strains with probiotic potential, *Romanian Biotechnological Letters* 23(4), 14p IF 0.32, AIS 0.065
18. Vamanu E., Pelinescu D., Sarbu I., 2016, Comparative fingerprinting of the human microbiota in diabetes and cardiovascular disease, *Journal of medicinal food* 19(12), 1188-1195
19. Sârbu I., Pelinescu D., Stoica I., Ionescu R., Dascălu L., Alexandru I., Chifiriuc C., Rusu E., Nedelcu I., Vassu T. 2016. Influence of non steroidal anti-inflammatory drugs on antifungal resistance of *Candida* strains isolated from vulvo-vaginal infections, *Farmacia* vol.64(2):274-277. Factor de impact: 1.348
20. Rusu E., Enache-Soare S., Pelinescu D., Sarbu I., Cojocaru M., Vassu T., 2015, *Identification of species of the genus Candida by analysis of 5.8 S rRNA gene*, *Romanian Biotechnological Letters* 20(4), 10585-10591
21. Grosu-Tudor S.-S., Stancu M.-M., Pelinescu D., Zamfir, M., 2014, Characterization of some bacteriocins produced by lactic acid bacteria isolated from fermented foods, *World Journal of Microbiology and Biotechnology* 30(9), 2459 -2469.
22. Ditu L.-M., Chifiriuc M.C., Pelinescu D., Avram I., Pircalabioru G., Mihaescu G., 2014, Class I and II bacteriocins: Structure, biosynthesis and drug delivery systems for the improvement of their antimicrobial activity, *Current Proteomics* 11(2), 121 – 127.
23. Vamanu E., Sârbu I., Nedelcu I., Pelinescu D., 2014. Study of PROEXO product influence on infant microbiota in an in vitro colonic fermentation system, *Annals of Microbiology*, 1-5,

24. Rusu E., Radu-Popescu M., Pelinescu D., Vassu T., 2014, Treatment with some anti-inflammatory drugs reduces germ tube formation in *Candida albicans* strains, *Brazilian Journal of Microbiology* 45(4), 1379 – 1383.
25. Cotar A.I., Ionescu B., Pelinescu D., Voidarou D., Lazăr V., Bezirtzoglou E., Chifiriuc M.C., 2013, *Current solution for the interception of quorum sensing in Staphylococcus aureus*, *Current Organic Chemistry* 17:97-104.
26. Ionescu R., Tănase A.M., Vassu T., Pelinescu D., Chiciudean I., Csutak O., Stoica I., 2013, *Characterization of Pseudomonas strains with hydrocarbons-degrading potential*, *Romanian Biotechnological Letters* 18(3):8372-8380.
27. Vamanu E., Pelinescu D., Avram I., Niță S., 2013, *An in vitro evaluation of antioxidant and colonic microbial profile levels following mushroom consumption*, *BioMed Research International* (formerly entitled *Journal of Biomedicine and Biotechnology*), 9 p. <http://dx.doi.org/10.1155/2013/289821>.
28. Vamanu E., Pelinescu D., Avram I., Niță S., Vamanu A., 2013, *Study of PROBAC product influence on infant microbiota in a single-chamber colonic fermentation model GIS1*, *Annals of Microbiology* 63:1029–1038.
29. Vamanu E., Pelinescu D., Marin I., Vamanu A., 2012, *Study of probiotic strains viability from PROBAC product in a single chamber gastrointestinal tract simulator*, *Food Science and Biotechnology* 21(4):979-985.
30. Anghel I., Chifiriuc M.C., Mitache M., Măruțescu L., Anghel A.G., Popa M., Pelinescu D., Bleotu C., Lazăr V., 2012, *Phenotypic and genotypic assessment of virulence factors in beta-hemolytic streptococci isolated from kindergarten infantile population, with or without clinical symptoms, including scarlet fever*, *Farmacia* 60(1):21-31.
31. Vamanu E., Vamanu A., Pelinescu D., Niță S., Rusu N., Popa N., 2012, *Influence of the culture medium composition on the exopolysaccharides synthesis by Streptococcus sp. IL5 strain*, *Acta Alimentaria* 41(1):118-125.
32. Tănase A.M., Moraru C., Vassu T., Ionescu R., Pelinescu D., Csutak O., Stoica I., 2012, *Phylogenetic analysis of oil polluted soil microbial strains*, *Romanian Biotechnological Letters* 17(2):7093-7103.
33. Vamanu E., Ene M., Vamanu A., Smarandache D., Sârbu I., Popa O., Băbeanu N., Niță S., Veaceslav B., 2011, *Antioxidant and antibacterial properties of the extracts from Pleurotus ostreatus EVFB1 and EVFB4*, *Romanian Biotechnological Letters* 16(1):40-46.
34. Vamanu E., Ene M., Pelinescu D., Sârbu I., Vamanu A., Niță S., 2011, *Determination of antioxidant and antimicrobial properties of alcoholic extract from Pleurotus ostreatus M2191 mycelium obtained in the presence of various nitrogen sources*, *Revista de Chimie* 62(12):1189-1194.
35. Dițu L.M., Chifiriuc M.C., Bezirtzoglou E., Voltsi C.B., Pelinescu D., Mihăescu G., Lazăr V., 2011, *Modulation of virulence and antibiotic susceptibility of enteropathogenic Escherichia coli strains by Enterococcus faecium probiotic strain culture fractions*, *Anaerobe* 17(6):448-451. IF 2.022; AI 0.6713
36. Pelinescu D., Chifiriuc M.C., Dițu L.M., Sârbu I., Bleotu C., Vassu T., Stoica I., Lazăr V., Corcionivoschi N., Săsărman E., 2011, *Selection and characterization of probiotic potential of some lactic acid bacteria isolated from infant faeces*, *Romanian Biotechnological Letters* 16(3):6178-6189.
37. Radu-Popescu M.A., Dumitriu S., Enache-Soare S., Balotescu C., Pelinescu D., Udristoiu A., Vassu-Dimov T., 2010, *Molecular biological techniques used for the identification of Candida spp.*, *Farmacia* 58(4):422-429.
38. Vamanu E., Vamanu A., Pelinescu D., 2010, *Synthesis and partial biochemical characterization of the bacteriocin produced by the Lactobacillus paracasei YR strain*, *Revista de Chimie* 61(5):502-505.
39. Vamanu E., Vamanu A., Pelinescu D., 2010, *Microbial biofilm formation under the influence of various physical-chemical factors*, *Biotechnology & Biotechnological Equipment* 24(3):1993-1996.
40. Vamanu E., Pelinescu D., Avram I., Vamanu A., Vassu T., Câmpeanu G., Popa O., Băbeanu N., 2010, *The identification and the influence of different glucides on the production of exopolysaccharides at the strains Lactobacillus sp. IL2 and Lactobacillus sp. IL3*, *Romanian Biotechnological Letters* 15(3):5133-5239.
41. Pelinescu D.R., Săsărman E., Chifiriuc M.C., Stoica I., Nohit A.-M., Avram I., Șerbancea F., Dimov Vassu T., 2009, *Isolation and identification of some Lactobacillus and Enterococcus strains by polyphasic taxonomical approach*, *Romanian Biotechnological Letters* 14(2):4225-4233.
42. Israil A.M., Chifiriuc M.C., Delcaru C., Iordache C., Pelinescu D., Săsărman E., 2009, *Evaluation and monitoring of quorum sensing soluble mediators implicated in the regulation of bacterial growth of Vibrio strains*, *Romanian Biotechnological Letters* 14(2):4211-4224.
43. Enache-Soare S., Pelinescu D., Ionescu R., Avram I., Stoica I., Vassu-Dimov T., 2009, *Molecular identification of some yeast strains involved in oral candidosis*, *Romanian Biotechnological Letters* 14(1):4180-4186.
44. Tănase A.M., Trașcă C., Vassu T., Olteanu A., Pelinescu D., Csutak O., Ionescu R., Stoica I., 2009, *Phylogenetic analysis on 16S ribosomal DNA of Pseudomonas strains from oil polluted soil*, *Romanian Biotechnological Letters* 14(6):4779-4785.
45. Enache-Soare S., Stoica I., Pelinescu D., Chifiriuc C., Nicoară A., Vassu-Dimov T., 2008, *Virulence factors in Candida albicans and Candida parapsilopsis species and minimal inhibitory concentration for fluconazole*, *Romanian Biotechnological Letters* 13(5):3898-3906.
46. Negruță O., Vassu T., Pelinescu D., Stoica I., Csutak O., Ghergheață E., Săsărman E., 2008, *Comparative morpho-physiological analysis and mutagenesis of some methylotrophic yeast strains of biotechnological interest*, *Romanian Biotechnological Letters* 13(3):3757-3765.
47. Nohit A.-M., Vassu T., Trașcă C., Csutak O., Pelinescu D., Ghindea R., Ionescu R., Soare S., Stoica I., 2008, *Preliminary analysis on biodegrading strains of Pseudomonas stutzeri*, *Romanian Biotechnological Letters* 13(1):3595-3605.
48. Teodor E., Bîrsan C., Smarandache D., Penu R., Radu G.L., 2007, *Determination of hydrosoluble vitamins content and antioxidant activity of some yeast strains with probiotic potential*, *Revista de Chimie* 58(12):1249-1252.
49. Chifiriuc M.C., Lazăr V., Drăcea O., Dițu L.M., Smarandache D., Bucur M., Larion C., Cernat R., Săsărman E., 2007, *Drastic attenuation of Pseudomonas aeruginosa pathogenicity in a holoxenic mouse experimental model induced by subinhibitory concentrations of phenyllactic acid (PLA)*, *International Journal of Molecular Sciences* 8:583-592.
50. Dinu C.Z., Dincă V.C., Soare S., Moldovan A., Smarandache D., Scărișoreanu N., Barbalat A., Birjega R., Dinescu M., Ferrari DiStefano V., 2007, *Monitoring nitinol alloy surface reactions for biofouling studies*, *Applied Surface Science* 253(19):7719-7723.

III. Research articles published in international data base indexed journals (Medscape - MEDLINE, NCBI, BIOSIS Previews, so)

1. Vamanu E., Pelinescu D., Sarbu I., Ene E., 2016, Influence of mushroom mycella polyphenolic composition on human microbiota, *Free Radical Biology and Medicine* 96, S65
2. Csutak O., Sabau E., Pelinescu D., Corbu V., Cirpici I., Vassu T., 2016, Molecular identification and metabolic screening of some yeast strains from foods, *AgroLife Scientific Journal* 5(1), 51-58
3. Petruț S., Sârbu I., Ionescu R., Vassu T., Stoica I., Giurgi A., Pelinescu D., 2016, Characterization of probiotic potential of some lactic acid bacteria strains isolated from fermented vegetables, *Annals, Food Science and Technology* 17(2), 433-438
4. Mureșan A., Sârbu I., Pelinescu D., Ionescu R., Csutak O., Stoica I., Rusu E., Vassu-Dimov T., 2016, Virulence profiles of pathogenic bacterial strains isolated from different sources, *Biointerface Research in Applied Chemistry* 6(6):1631-1636
5. Sarbu I., Vassu T., Stoica I., Chifiriuc C. Bucur M., Rusu E., Pelinescu D., 2015, Analysis on the antimicrobial activity of some lactic acid bacteria strains, *Journal of Infectious Diseases* 18(2): 53-57.
6. Ionescu R., Măruțescu L., Tănase A.-M., Chiciudean I., Csutak O., Pelinescu D., Vassu T., Stoica I., 2015, Flow Cytometry Based Method for Evaluation of Biodegradative Potential of *Pseudomonas fluorescens*, *Agriculture and Agricultural Science Procedia* 6, 567-578
7. Rusu E., Pelinescu D., Nedelcu I., Vassu T., Cristescu C., Musat S., Cojocaru, M., 2014, Influence of associating nonsteroidal anti-inflammatory drugs with antifungal compounds on viability of some *Candida* strains, *Romanian Journal of Infectious Diseases* 17(2):86-90.
8. Sarbu I., Pelinescu D., Stoica I., Marutescu L., Vassu T., 2013, Phenotypic profiles of virulence in different *Candida* species isolated from vulvovaginal infections, *Romanian Archives of Microbiology and Immunology* 4:225-233.
9. Vamanu E., Vamanu A., Pelinescu D., Niță S., Rusu N., 2011, *The viability of the Lactobacillus rhamnosus IL4.2 strain in simulated gastrointestinal conditions*, Scientific Papers: Animal Science & Biotechnologies 44 (1):459-464.
10. Vamanu E., Ene M., Vamanu A., Pelinescu D., Niță S., Barcari V. 2011, *Antioxidant and antimicrobial properties of the extracts from Pleurotus ostreatus M2191 and PQMZ91109*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca - Animal Science and Biotechnologies, 68(1-2):381-388.
11. Cotar A.I., Chifiriuc M.C., Dinu S., Pelinescu D., Banu O., Lazăr V., 2010, *Quantitative real-time PCR study of the influence of probiotic culture soluble fraction on the expression of Pseudomonas aeruginosa quorum sensing genes*, Romanian Archives of Microbiology and Immunology 69(4):213-223.
12. Chifiriuc M.C., Bleotu C., Pelinescu D.R., Lazăr V., Dițu L.M., Vassu T., Stoica I., Drăcea O., Avram I., Săsărman E., 2010, *Patterns of colonization and immune response elicited from interactions between enteropathogenic bacteria, epithelial cells and probiotic fractions*, International Journal for Biotechnology and Molecular Biology Research 1(4): 47-57.
13. Vamanu E., Vamanu A., Pelinescu D., Popa O., Niță S., Băbeanu N., 2009, *Studies concerning the obtaining of biomass from Lactobacillus paracasei ssp. paracasei using corn extract as nitrogen source* Scientific Papers: Animal Science & Biotechnologies 52:531-536.
14. Chifiriuc M.C., Bleotu C., Dițu L.M., Smarandache D., Săsărman E., Banu O., Drăcea O., Larion C., Lazăr V., 2009, *In vivo experimental model for the study of the influence of subinhibitory concentrations of phenyllactic acid on Staphylococcus aureus pathogenicity*, Romanian Archives of Microbiology and Immunology 68(1):34-37.
15. Vamanu E., Vamanu A., Popa O., Vassu T., Ghindea R., Pelinescu D., Niță S., Băbeanu N., 2008, *Effect of the yeast and bacteria biomass on the microbiota in the rumen*, Pakistan Journal of Biological Science 11(18):2217 -2223.
16. Iordache F., Iordache C., Chifiriuc M.C., Bleotu C., Pavel M., Pelinescu D., Săsărman E., Lazăr V., Bucur M., Drăcea O., Larion C., Cotar A., Lixandru M., 2008, *Antimicrobial and immunomodulatory activity of some probiotic fractions with potential clinical application*, Archiva Zootehnica 11(3):41-51.
17. Popa V., Pîrvulescu M., Samarineanu M., Pelinescu D., Vassu-Dimov T., Stoica I., Săsărman E., Caplan E., Botuș D., Nica I., Alecu A., 2008, *Studies regarding to the effect of some Enterococcus faecium strains in avian infections with Salmonella gallinarum, Listeria monocytogenes and Escherichia coli*, Lucrări științifice Medicină Veterinară Timișoara XLI:774 – 783.
18. Vamanu E., Vamanu A., Popa O., Pelinescu D., Avram I., Enache-Soare S., 2007, *Obtaining probiotic biomass from yeasts used for fodder farm animals*, Archiva Zootehnica 10:35-45.
19. Csutak O., Stoica I., Ghindea R., Nohit A.M., Pelinescu D., Vassu T., 2006, *Molecular taxonomy studies on some yeast strains with biodegrading abilities*, Romanian Biotechnological Letters 11(1):2579-2585.
20. Barbu V., Balotescu C., Lazăr V., Săsărman E., Smarandache D., Israil A.M., Dițu L.M., 2005. *The microbiological description and in vivo studies of a new probiotic product*, Romanian Biotechnological Letters 10(6):2457-2469.
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