

Profesor dr. Ileana Stoica

LISTA PUBLICAȚIILOR

I. Articole științifice publicate în reviste internaționale cotate Thomson ISI

1. Mereuta I., Tanase A-M., Chiciudean I., Vassu T., **Stoica I.**, 2019 Metabolic and molecular profiling of microbial communities following controlled kerosene pollution in Bucharest Botanical Garden pristine soil, *Polish Journal of Environmental Sciences in press* IF 1.12
2. Chiciudean I., Mereuță I., Ionescu R., Vassu T., Tănase A.-M., **Stoica I.**, 2019 Jet A-1 bacterial contamination: A case study of cultivable bacteria diversity, alkane degradation and biofilm formation, *Pol. J. Environ. Stud.* 28(6):4139–4146 IF 1.12
3. Chiciudean I., Nie Y., Tănase A.M., **Stoica I.**, Wu X.L., 2018, Complete genome sequence of *Tsukamurella* sp. MH1, a wide-chain length alkane-degrading actinomycete, *Journal of Biotechnology* vol 268, p:1-5. IF 2.599
4. Paun G., Neagu E., Moroeanu V., Ungureanu O., Cretu R., Ionescu E., Tebrencu C.E., Ionescu R., **Stoica I.**, Radu G.L., 2017, Phytochemical analysis and in vitro biological activity of *Betonica officinalis* and *Salvia officinalis* extracts, *Romanian Biotechnological Letters* 22(4), 12751-12761
5. 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
6. Mureșan A., Sârbu I., Pelinescu D., Ionescu R., Csutak O., **Stoica I.**, Vassu-Dimov T., 2018, *In vitro* selection of some lactic acid bacteria strains with probiotic potential, *Romanian Biotechnological Letters*, vol. 23 (1), 13327-13339 (IF 0,381)
7. Tanase A-M., Chiciudean I., Mereuta I., Ionescu R., Cornea C.P., Vassu T., **Stoica I.**, 2017, Microbial community dynamics in field-scale biopile bioremediation, *Polish Journal of Environmental Studies*, 26 (1), 1-6. IF 0.79, RIS 0.272
8. Ionescu R., Mereuta I., Tanase A-M., Pelinescu D., Csutak O., 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), <http://www.rombio.eu/published.html>
9. Gagiu V., Israel-Roming F., Pelinescu D., Dobre A., Cucu M., Smeu I., Iorga E., Cornea P.C., **Stoica I.**, Belc N., 2017, Synergistical effects of the biological and chemical preservatives in dough fermentation, *Romanian Biotechnological Letters* 22.5: 12915-12925.
10. Sarbu I., Pelinescu D., **Stoica I.**, Ionescu R., Dascalu 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 vulvovaginal infections, *Farmacia*, 64 (2), 274-277. IF 1.162, RIS 0.114
11. Sarbu I., Vassu T., **Stoica I.**, Dascalu L., Chifiriuc C., Pelinescu D., 2016, Phenotypic and genotypic assessment of *Lactobacillus plantarum* influence on *Candida albicans* fluconazole resistance, *Annals of Microbiology*, 66 (2), 817-823. IF 1.232, RIS 0.476
12. Xenofontos E., Tanase A.-M., **Stoica I.**, Vyrides I., 2016, Newly isolated alkalophilic *Advenella* species bioaugmented in activated sludge for high p-cresol removal, *New biotechnology* 33 (2), 305-310. IF 3.199, RIS 1.224
13. Csutak O., **Stoica I.**, Vassu T., 2015, Lipolytic activity of a new yeast strain *Candida rugosa* CMGB-CR6 isolated from oil-polluted soil, *Romanian Biotechnological Letters*, 20 (3), 10547-10557. IF 0.412, RIS 0.146
14. Ionescu R., Tanase A-M., Vassu T., Pelinescu D., Chiciudean I., Csutak O., **Stoica I.**, 2013, Characterization of *Pseudomonas* strains with hidrocarbons-degrading potential, *Romanian Biotechnological Letters*, 18 (3), 8372-8380. IF 0.412, RIS 0.146
15. Tănase A-M., Ionescu R., Vassu T., Chiciudean I., **Stoica I.**, 2012, Characterization of hydrocarbon-degrading microbial strains isolated from oil polluted soil, *International Biodeterioration & Biodegradation*, 84, 150–154. IF 2.593, RIS 1.015
16. 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. IF 0.412, RIS 0.146

17. Csutak O., Vassu T., Sarbu I., **Stoica I.**, Cornea P., 2013, Antagonistic activity of three newly isolated yeast strains from the surface of fruits, *Food Technology and Biotechnology*, 51 (1), 70-77. IF 1.179, RIS 1.047
18. Csutak O., Ghindea R., **Stoica I.**, Tănase A-M., Vassu T., 2012, Identification of two yeast strains from oil-polluted environment by RFLP on ITS-5.8S rDNA and RAPD analysis, *Romanian Biotechnological Letters*, 17(1), 6913- 6920. IF 0.412, RIS 0.146
19. Csutak O., **Stoica I.**, Vassu T., 2012, Evaluation of production, stability and activity of biosurfactants from yeasts with application in bioremediation of oil-polluted environment, *Revista de Chimie*, vol. 63 (10), 973-977. IF 0,956
20. Tanase A-M., Nicoara A., Vassu T., Chiciudean I., Ionescu R., Csutak O., **Stoica I.**, 2011, Phenotypic and genotypic analysis on bacterial strains from a karathane polluted soil, *Roum. Biotechnol. Lett.* vol. 16, no. 1, p. 141-148.
21. Dinu L.-D., Matei P.S., Jurcoane S., **Stoica I.**, 2011, Biodegradation of karathane using adapted *Pseudomonas aeruginosa* in a scale-up process, *Roum. Biotechnol. Lett.*, vol. 16, No. 2, pp 6048-6054.
22. Pelinescu D., Chifiriuc MC, Ditu LM, Sarbu I, Bleotu C., Vassu T., **Stoica I.**, Lazar V., Corcionivoschi N., Sasarman E.. 2011, Selection and characterization of the probiotic potential of some lactic acid bacteria isolated from infant faeces, *Roum. Biotechnol. Lett.* vol. 16, no. 3, p. 6178-6189.
23. Csutak O., **Stoica I.**, Ghindea R., Tanase A.-M., Vassu T., 2010, Insights on yeast bioremediation processes, *Roum. Biotechnol. Lett.*, vol. 15, no. 2, p. 5066-5071.
24. Ghindea R., Csutak O., **Stoica I.**, Tanase A-M., Vassu T., 2010, Production of xylitol by yeasts, *Roum. Biotechnol. Lett.*, vol. 15, no. 3, p. 5217-5222.
25. Chifiriuc M.C., Bleotu C., Pelinescu D.R., Lazar V., Ditu L.-M., Vassu T., **Stoica I.**, Dracea O., Avram I., Sasarman E., 2010, Patterns of colonization and immune response elicited from interactions between enteropathogenic bacteria, epithelial cells and probiotic fractions, *Int. J. Biotech. Mol. Biol.*, vol.1, no.4, p. 47-57.
26. Negruță O., Csutak O., **Stoica I.**, Rusu E., Vassu T., 2010, Identification of some methylotrophic yeast strains of biotechnological interest, *Roum. Biotechnol. Lett.*, Roum. Biotechnol. Lett., vol. 15, no.2, p. 5159-5166.
27. Negruță O., **Stoica I.**, Csutak O., Rusu E., Vassu T., 2010, Methylotrophic yeasts: diversity and methanol metabolism, A review, *Roum. Biotechnol. Lett.*, vol. 15, no. 4, p. 5369-5375.
28. Tanase A.-M., Vassu T., Trasca C., **Stoica I.**, 2009, *In situ* visualization of natural microbial communities in black sea coastal shelf sediments, *Roum. Biotechnol. Lett.*, vol. 14, no. 1, p. 4187-4193.
29. Pelinescu D.R., Sasarman E., Chifiriuc M.C., **Stoica I.**, Nohit A.-M., Avram I., Serbancea F., Dimov Vassu T., 2009, Isolation and identification of some *Labctobacillus* and *Enterococcus* strains by polyphasic taxonomical approach, *Roum. Biotechnol. Lett.*, vol.14, no.2, 2009, p.4225-4233.
30. Ghindea R., Vassu T., **Stoica I.**, Tanase A-M, Csutak O., 2009, Preliminary taxonomic studies on yeast strains isolated from dairy products, *Roum. Biotechnol. Lett.*, vol.14, no.1, p.4170-4179.
31. Tanase A.-M., Trasca 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, *Roum. Biotechnol. Lett.*, vol.14, no.1, p.4779-4785.
32. 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, *Roum. Biotechnol. Lett.* vol.14, no.1, 2009, p.4180-4186.
33. Enache –Soare S., **Stoica I.**, Pelinescu D., Chifiriuc C., Nicoara A., Vassu-Dimov T., 2008, Virulence factors in *Candida albicans* and *Candida parapsilosis* species and minimal inhibitory concentration for fluconazole, *Roum. Biotechnol. Lett.*, vol 13, no.5, p.3898-3906.
34. Negruță O., Vassu T., Pelinescu D., **Stoica I.**, Csutak O., Ghergheata E., Sasarman E., 2008, Comparative morpho-physiological analysis and mutagenesis of some methylotrophic yeast strains of biotechnological interest, *Roum. Biotechnol. Lett.*, vol.13, no.3, p.3757-3765.
35. Nohit A.-M., Vassu T., Trasca C., Csutak O., Pelinescu D., Ghindea R., Ionescu R., Soare S., **Stoica I.**, 2008, Preliminary analysis on biodegrading strains of *Pseudomonas stutzeri*, *Roum. Biotechnol. Lett.*, vol.13, no.1, p.3595-3605.
36. Dinca V. C., Soare S., Barbalat A., Dinu C. Z., Moldovan A., **Stoica I.**, Vassu T., Purice A., Scarisoareanu N., Birjega R., Craciun V., Ferrari DeStefano V., Dinescu M., 2006, Nickel-titanium alloy: Cytotoxicity evaluation on microorganism culture, *Applied Surface Science*, vol.252, no.13 [SPECIAL ISSUE], p.4619-4624.

37. Csutak O., **Stoica I.**, Ghindea R., Nohit A.-M., Pelinescu D., Vassu T., 2006, Molecular taxonomy studies on some yeast strains with biodegrading abilities, *Roum. Biotechnol. Lett.*, vol.11, no.1, p.2579-2585.
38. Lazar V., Balotescu C. M., Vassu T., **Stoica I.**, Smarandache D., Barbu V., Sasarman E., Israil A., Bulai D., Alexandru I., Cernat R., 2005, Experimental study of rats of the probiotic effect of some lactic acid bacteria previously selected for their in vitro capacity to interfere with *Salmonella enteridis* infection, *Roum. Biotechnol. Lett.*, vol.10, nr.2, p.2123-2133.
39. Vassu T., Fologea D., Csutak O., Smarandache D., Săsărman E., **Stoica I.**, Soare S., 2004, Secondary effects of electroporation with bipolar electric pulses electrostimulation, *Roum. Biotechnol. Lett.*, vol.9, no.1, p.1541-1544.
40. Fologea D., Vassu T., **Stoica I.**, Csutak O., Săsărman E., Smarandache D., Soare S., Ghindea R., Ionescu R., Ataman M., 2004, Setting-up a field inversion gel electrophoresis system, *Roum. Biotechnol. Lett.*, vol 9, no 2, p.1599-1602.
41. Fologea D., Vassu T., **Stoica I.**, Soare S., Smarandache D., Ionescu R., 2004, *Kluyveromyces lactis* electrokaryotyping by Field Inversion Gel Electrophoresis, *Roum. Biotechnol. Lett.*, vol 9, no 2, p.1637-1641.
42. Ghindea R., Fologea D., Vassu T., **Stoica I.**, Ionescu R., Csutak O., Sasarman E., Smarandache D., Soare S., Nohit A.-M., Moraru C., 2004, Electrophoretic karyotype analysis of some *Candida parapsilosis* strains, *Roum. Biotechnol. Lett.*, vol 9, no 5, p. 1839-1844.
43. Fologea D., Vassu T., **Stoica I.**, Csutak O., Săsărman E., Smarandache D., Ionescu R., 2004, Efficient electrotransformation of yeast using bipolar electric pulses, *Roum. Biotechnol. Lett.*, vol.9, no.1, p.1505-1510.
44. Fologea D., Vassu T., Stoica I. 2004. Thermal effects during electroporation: theoretical and experimental considerations, *Romanian Biotechnological Letters*, vol. 9 (2), 1587-1590.
45. Ghindea R., Csutak O., Vassu T., **Stoica I.**, Iftime O., Sasarman E, Nohit A-M, Smarandache D., Fologea D., Soare S., Trasca C, 2003, Physiological and genetic characterization of some yeast strains with biotechnological potential, *Roum. Biotechnol. Lett.*, vol 8, no 3, p. 1247-1258.
46. Vassu T., Smarandache D., **Stoica I.**, Sasarman E., Fologea D., Musat F., Csutak O., Nohit A.-M., Iftime O., Gherasim R., 2002, Biochemical and genetic characterization of *Lactobacillus plantarum* cmgb – 1 strain used as probiotic, *Roum. Biotechnol. Lett.*, vol 7, no 1, p 585-598.
47. Fologea D., Csutak O., Vassu T., Gherasim R., **Stoica I.**, Sasarman E., Smarandache D., Nohit A.-M., Iftime O., 2002, Field inversion gel electrophoresis of large DNA molecules extracted from a *Saccharomyces cerevisiae* strain, *Roum. Biotechnol. Lett.*, vol 7, no 4, p 855-860.
48. Csutak O., Fologea D., Vassu T., Gherasim R., **Stoica I.**, Smarandache D., Sasarman E., Nohit A.-M., Iftime O., 2002, Electrophoretic karyotyping of some yeast strains isolated from oil-polluted soils, *Roum. Biotechnol. Lett.*, vol 7, no 5, p 905-910.
49. Popa C., Popa O., Ioniță A., **Stoica I.**, Vassu T., Săsărman E., Vamanu A., Dumitru I.F., 1999, The influence of carbon/energy source and other parameters on the microorganism mediated reduction of • -ketoesters, *Roum. Biotechnol. Lett.*, vol 4, no 6, p 479-488.
50. **Stoica I.**, Mușat F., Vassu T., Lazăr I., Săsărman E., Csutak O., 1999, Preliminary studies on a quinoline-degrading bacterial consortium using a new screening technique. *Roum. Biotechnol. Lett.*, vol 4, nr 3, p 235-246.
51. Fologea D., Vassu T., **Stoica I.**, Csutak O., Radu M., 1998, Increase of *Saccharomyces cerevisiae* Plating Efficiency after Treatment with Bipolar Electric Pulses, *Bioelectrochemistry and Bioenergetics*, ELSEVIER, Netherlands, vol.46, p.285-287.

II. Articole științifice publicate în reviste integrate în fluxul internațional BDI (Medscape-Medline, NCBI, BIOSIS, CAB, DOAJ etc)

1. Ionescu R., Mărușescu 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 (Elsevier Procedia)*, 6, 567-578.
2. 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, on-line*: http://biointerfaceresearch.com/?page_id=954.
3. Chifiriuc M.C., Bleotu C., Pelinescu D.R., Lazar V., Ditu L.M., Vassu T., Stoica I., Dracea O., Avram I., Sasarman E., 2015, 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), pp. 47-57
4. Tanase A.-M., Mereuta I., Chiciudean I., Ionescu R., Milea L., Cornea C.P., Vassu T., **Stoica I.**, 2015, Comparison of total DNA extraction methods for microbial community from polluted soil, *Agriculture and Agricultural Science (Elsevier Procedia)*, 6, 616 – 622.
 5. Csutak O., Cîrpici I., Ionescu R., **Stoica I.**, Vassu T., 2015, Anti-*Candida* activity of *Kluyveromyces lactis* CMGB 226 from dairy products, *Innovative Romanian Food Biotechnology*, 17, 46-56.
 6. Csutak O., Corbu V., **Stoica I.**, Ionescu R., Vassu T., 2015, Biotechnological applications of *Yarrowia lipolytica* CMGB32, *Agriculture and Agricultural Science (Elsevier Procedia)*, 6, 545-553.
 7. **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, *Romanian Journal of Infectious Diseases*, 18(2): 53-57.
 8. Csutak O., **Stoica I.**, Vassu T., 2014, Molecular identification and antimicrobial activity of two new *Kluyveromyces lodderae* and *Saccharomyces cerevisiae* strains, *Biointerface Research in Applied Chemistry*, 4 (6), 873-878.
 9. Sârbu I., Pelinescu D., **Stoica I.**, Măruțescu L., Vassu T., 2013, Phenotypic profiles of virulence in different *Candida* species isolated from vulvovaginal infections, *Roumanian Archives of Microbiology and Immunology*, 72 (4), 225-233.
 10. Tanase A.-M., Vassu T., **Stoica I.**, 2010, Status of bacterial species concept, *Bacteriol. Virusol. Parazitol. Epidemiol.*, vol.55, no.1, p.5-10.
 11. Ghindea R., Csutak O., **Stoica I.**, Vassu T., 2008, Biotherapeutic properties of probiotic yeasts, *Bacteriol. Virusol. Parazitol. Epidemiol.*, vol.53, no.1, p.57-63.
 12. Csutak O., Ghindea R., **Stoica I.**, Soare S., Ionescu R., Creangă O., Vassu T., 2005, Preliminary identification and classification of five new yeast strains isolated from oil-polluted environment, *Roum. Arch. Microbiol. Immunol.*, vol.64, no.1-4, p.65-71.
 13. Ghindea R., Csutak O., **Stoica I.**, Ionescu R., Soare S., Pelinescu D., Nohit A.M., Creanga O., Vassu T., 2004, Molecular taxonomy techniques used for yeast identification, *Bacteriol. Virusol. Parazitol. Epidemiol.*, vol 49(3-4), p105-113.
 14. Vassu T., Săsărman E., Csutak O., **Stoica I.**, Ghergheață E., 1997, Lactic Acid Bacteria Used as Probiotics - Isolation, Preservation and Biomass Obtaining. *Analele Universității București*, anul XLVI, p. 87-91.
 15. Csutak O., **Stoica I.**, Vassu T., Săsărman E., Cernat R., Mușat F., 1997, Molecular Taxonomy Studies of Some Lactic Acid Bacteria Strains. *Revue Roumaine de Biologie*, Tome 42, no. 1-2, p 37-42.
 16. Vassu T., **Stoica I.**, Herlea V., Mitrache L., Csutak O., 1996, Isolation of a microbial consortium able to degrade quinolines, *Analele Universității București* anul XLIV, p 63-68.
 17. Vassu T., **Stoica I.**, Csutak O., Mitrache L., 1996, Analysis of quinoline biodegradation by a microbial consortium, *Analele Universității București*, anul XLIV, p 69-76.
 18. Vassu T., **Stoica I.**, Savu L., Vătafu I., Cornea P., Folegea D., 1996, Genetic transfer of shuttle vectors to *Saccharomyces cerevisiae* strains through electroporation., *Rev.Roum.Biol.-Biol.Veget.*, vol 41, nr. 1, pag. 75-81.
 19. Vassu T., Săsărman E., **Stoica I.**, Csutak O., Mitrache L., 1996, Obtaining of Methylotrophic Yeast Strains Highly Producing of Alcohol-oxidase. *Analele Universității București*, anul XLV, p. 14-18.
 20. Cornea P., **Stoica I.**, Vatafu I., Savu L., 1992, Profilul plasmidic al unor tulpini de enterobacteriaceae multirezistente. *Bacteriology, Virology and Epidemiology* vol 2, p 25-29.

III. Articole științifice publicate în alte reviste de specialitate

1. Popa V., Pirvulescu M., Samarineanu M., Pelinescu D., Vassu – Dimov T., **Stoica I.**, Sasarman E., Caplan E., Botus D., Nica I., Alecu A., 2008, Efectul unor tulpini de *Enterococcus faecium* in infectiile aviare cu *Salmonella gallinarum*, *Listeria monocytogenes* si *Escherichia coli*, *Magazinul Avicol / Buletin informativ – Societatea Medicilor Veterinari in Patologie aviara si a Animalelor Mici din Romania* 3 (18) / 19 (74-2): 28-34.
2. Csutak O., Vassu T., **Stoica I.**, Săsărman E., Mușat F., Smarandache D., Grancea O., Gherasim Raluca, 2000, *Preliminary microbiological and genetic analysis of some yeast strains with xenodegrading activity*. *Rom. J. Biol. Sci.* vol 3, no 1-3.
3. **Stoica I.**, Mușat F., Vassu T., Săsărman E., Csutak O., Lazăr I., Smarandache D., 1999, Modern techniques used in biodegradation studies and în molecular characterization of xenodegradative

- microbial strains, în: *Current Problems în Cellular and Molecular Biology*, Editors A.Ardelean, C.Craciun, Ed. Risoprint Cluj-Napoca, 1999, p 668-676.
4. Csutak O., Vassu T., **Stoica I.**, Brezeanu A., Mușat F., Săsărman E., Smarandache D., 1999, New techniques used în molecular taxonomy of the yeasts, în: *Current Problems in Cellular and Molecular Biology*, Editors A.Ardelean, C.Craciun, Ed. Risoprint Cluj-Napoca, 1999, p 111-120.
 5. Cornea C.P., Barbu A., Arsintescu A., Marinescu A., Vassu T., **Stoica I.**, 1998, O metodă simplă și rapidă pentru extracția ADN extranuclear din plante, *Lucrări Științifice USAMV*, Seria F, vol.III, p. 223- 230.
 6. Mitrache L., Anghel I., **Prutu-Stoica I.**, 1994. *Yeast, a valuable resource for proteins and other biologically active substances*. Proceeding of the 8th National Symposium of Industrial Microbiology and Biotechnology, Bucharest, p 61-67.
 7. Anghel I., Mitrache L., **Stoica I.** 1994. *The electronmicroscopic study of Saccharomyces cerevisiae cells*. Proceeding of the 8th National Symposium of Industrial Microbiology and Biotechnology, Bucharest, p 149-155.
 8. Mitrache L., Paraoan L., Anghel I., **Stoica I.** 1994. *Study of the chemical composition of some industrial yeast strains*. Proceeding of the 8th National Symposium of Industrial Microbiology and Biotechnology, Bucharest, p160-164.
 9. Mitrache L., Anghel I., **Prutu-Stoica I.**, Vamanu A. 1994. *Selection and characterization of some ethanol consuming yeast strains*. Proceeding of the 8th National Symposium of Industrial Microbiology and Biotechnology, Bucharest, p165-169.

IV. Cărți, tratate, monografii, cursuri, capitole de carte publicate în edituri internaționale

1. Dobre M., **Stoica I.**, 2011, *Clinical Evaluations on the Diagnosis of Autism (Ch.20)*. In: Autism - A Neurodevelopmental Journey from Genes to Behaviour, Edited by: Valsamma Eapen, InTech Publishing, 2011, ISBN 978-953-307-493-1

V. Cărți, tratate, monografii, cursuri, capitole de carte publicate în edituri naționale acreditate CNCSIS

1. Vassu T., **Stoica I.**, Csutak O., 2010, *Genetică și inginerie genetică. Note de curs*, Ed. Universității din București, p. 214, ISBN 978-973-737-846-0
2. **Stoica I.**, Vassu T., 2006, *Genetică clasică (Cap.1), Structura acizilor nucleici (Cap.2), Cromozomul la organisme pro- și eucariote (Cap.3), Funcțiile materialului genetic (Cap.4)*. În: *Tratat de Biotehnologie*, vol.II, Ș.Jurcoane (coordonator), P.Cornea, I.Stoica, T.Vassu, Ed.Tehnică, București. ISBN (10) 973-31-2279-3 și ISBN (13) 978-973-31-2279-1.
3. **Stoica I.**, Vassu T., Săsărman E., 2003, *Biologia și Taxonomia moleculară a microorganismelor. Colecția de Culturi Microbiene*, Ed. Arvin Press, București, 180 p. ISBN 973-96090-3-8.
4. Vassu T., **Stoica I.**, Csutak O., Mușat F., 2001, *Genetica microorganismelor și Inginerie genetică microbială. Note de Curs și Tehnici de Laborator*, Ed.Petron, București, 256 p. ISBN 973-9470-24-6.
5. **Stoica I.**, Vassu T., 2006, *Genetica clasică (Cap.1)*, În: *Tratat de Biotehnologie*, vol.II, Jurcoane Ș. (coordonator), Cornea P., Stoica I., Vassu T., Ed.Tehnică, București. ISBN (10) 973-31-2279-3 și ISBN (13) 978-973-31-2279-1
6. **Stoica I.**, Vassu T., 2006, *Structura acizilor nucleici (Cap.2)*, În: *Tratat de Biotehnologie*, vol.II, Jurcoane Ș. (coordonator), Cornea P., Stoica I., Vassu T., Ed.Tehnică, București. ISBN (10) 973-31-2279-3 și ISBN (13) 978-973-31-2279-1
7. **Stoica I.**, Vassu T., 2006, *Cromozomul la organisme pro- și eucariote (Cap.3)*, În: *Tratat de Biotehnologie*, vol.II, Jurcoane Ș. (coordonator), Cornea P., Stoica I., Vassu T., Ed.Tehnică, București. ISBN (10) 973-31-2279-3 și ISBN (13) 978-973-31-2279-1
8. **Stoica I.**, Vassu T., 2006, *Funcțiile materialului genetic (Cap.4)*. În: *Tratat de Biotehnologie*, vol.II, Jurcoane Ș. (coordonator), Cornea P., Stoica I., Vassu T., Ed.Tehnică, București. ISBN (10) 973-31-2279-3 și ISBN (13) 978-973-31-2279-1

VI. Brevete de invenție

1. **Brevet de invenție nr. A00504/17.07.2007: Enterococcus faecium CMGB 8, bacterie lactică de tip probiotic pentru uz zootehnic**
 Autori: D. Pelinescu, C. M. Chifiriuc, E. Săsărman, T. Vassu Dimov, **I. Stoica**, S. Enache Soare, R. Ionescu, I. Avram

2. **Brevet de invenție nr. A00655/ 18.09.2007** : *Izolarea, selecția și caracterizarea unei tulpini de Lactobacillus paracasei ssp. paracasei de tip probiotic pentru uz uman*
Autori: Sasarman E., Chifiriuc C.M., Pelinescu D., Bleotu C., Vassu T., **Stoica I.**

3. **Brevet de invenție nr. 119062 B1 din 30.11.2004**: *Procedeu de obținere a unui furaj fermentat.*
Autori: Vassu T., Săsărman E., **Stoica I.**, Jurcoane Ș., Vintilă T., Smarandache D., Nohit A.-M., Csutak O., Mușat F., Grancea O., Gherasim R.
European Patent Office - Data supplied from the *esp@cenet* database – Worldwide
International Patent Classification (IPC): **A23K3/02; C12N1/20; A23K3/00; C12N1/20;** (IPC1-7):
A23K3/02; C12N1/20

VII. Lucrări publicate *in extenso* în volumele Congreselor/Conferințelor Internaționale

1. Mușat F., **Stoica I.**, Vassu T., Săsărman E., Smarandache D., Csutak O., Ionescu N., Grancea O., Gherasim R., Genetic and biochemical characterization of some quinoline degrading bacterial strains, BIOTECHNOLOGY 2000, The World Congress on Biotechnology, Berlin, 3-8 sept 2000, p.446-449.
2. Vassu T., Smarandache D., Săsărman E., Folegea D., Mușat F., **Stoica I.**, Csutak O., Grancea O., Ionescu N., Gherasim R., Electrotransformation of some microorganisms of biotechnological interest, BIOTECHNOLOGY 2000, The World Congress on Biotechnology, Berlin, 3-8 sept 2000, p.256-259.
3. Folegea D., Vassu T., **Stoica I.**, Radu M., 1997, Electrostimulation of yeast division, FEBS advanced course, Bucharest, p 167-177.

IX. Lucrări științifice prezentate la congrese/conferințe/simpozioane internaționale publicate în rezumat

1. Mereuta I., Chiciudean I., Lascu I., Mihalachi E.L., Jablonski P., Avramescu S.M., **Stoica I.**, Tanase A.M., Black Sea newly isolated Photobacterium ganghwense C2.2 a promising candidate for PHA production, Biotechnology Congress 2019, April 11-13, Valencia, Spain.
2. Chiciudean I., Mereuta I., Lascu I., Borges L.M.S., Filimon A., **Stoica I.**, Tanase A.M., Looking for cellulolytic activity in the Black Sea shipworms gill symbionts, Biotechnology Congress 2019, April 11-13, Valencia, Spain.
3. Mereuta I., Chiciudean I., Lascu I., Avramescu S.M., **Stoica I.**, Tanase A.M., Polyhydroxyalkanoate production potential of Black Sea new bacterial isolates, Biotechnology Congress 2018, April 26-28, 2018 in Athens, Greece.
4. Csutak O., Corbu V., **Stoica I.**, Vassu T., 2018, *Fatty acids effect on lipase and biosurfactant induction in Rhodotorula glutinis CMGB-RG5*, International Conference „Agriculture for life, life for agriculture”, 7-9 June 2018, Bucharest, Romania, Book of Abstracts – Section 6 Biotechnology, P IV.2, p. 70.
5. Corbu V., Sârbu I., Vassu-Dimov T., Petrut S., Bilea F., **Stoica I.**, Csutak O., 2017, Characterization of a food related strain *Debaryomyces hansenii* CMGB 60 with high biotechnological potential, IX International Congress of Cellular and Molecular Biology, XXXV Annual Session of SNBC, Iasi, 7-11 iunie 2017, P 47, p. 85.
6. Csutak O., Corbu V., **Stoica I.**, Ionescu R., Vassu T., 2015, *Biotechnological applications of Yarrowia lipolytica CMGB32*, International Conference „Agriculture for life, life for agriculture”, 4-6 June 2015, Bucharest, Romania, Book of Abstracts, section 6 Biotechnology, p. 71.
7. Mereuta I., Tanase A.M., Chiciudean I., Ionescu R., Vassu T., **Stoica I.**, Microbial Community Shifts in Kerosene Polluted Soil, “5th Global Congress On Environmental Microbiology” November 28-30, 2016 In Atlanta, USA, e-poster.
8. Chiciudean I., Nie Y, Tănase AM, **Stoica I.**, Wu XL., Genotypic and phenotypic alkane-degradation features and the phylogeny of two Rhodococcus strains isolated from oil-polluted soil, Power of Microbes in Industry and Environment, 28. 09 – 01.10. 2016, KRK, Croatia, Poster, Book of Abstracts, pp39.
9. Mereuta I., Tanase A.-M., Chiciudean I., Ionescu R., Vassu T., **Stoica I.**, Microbial community dynamics in field-scale biopile bioremediation, Power of Microbes in Industry and Environment, 28. 09 – 01.10. 2016, KRK, Croatia, Poster, Book of Abstracts, pp38.
10. Petrut S., Pelinescu D., Ditu L.-M., Ionescu R., Vassu T., **Stoica I.**, Chiciudean I., Tanase A.-M., Sarbu I., Comparative Studies Regarding Probiotic Effect between Individual/Consortia of Lactic Acid

- Bacteria Strains, Power of Microbes in Industry and Environment, 28. 09 – 01.10. 2016, KRK, Croatia, Book of Abstracts, pp20, prezentare orală.
11. Petrut S., Sarbu I, Zamfir M., Ionescu R., Vassu T., **Stoica I.**, Mereuta I., Tanase A.M., Pelinescu D, Resistance of some lactic acid bacteria strains isolated from fermented vegetables in conditions similar to those from the gastrointestinal tract, Power of Microbes in Industry and Environment, 28. 09 – 01.10. 2016, KRK, Croatia, Poster, Book of Abstracts, pp19.
 12. 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*, *International Conference „Agriculture for life, life for agriculture”, 4-6 June 2015, Bucharest, Romania, Book of Abstracts, section 6 Biotechnology, p. 76.*
 13. Tănase A-M., Chiciudean I., Csutak O., Pelinescu D., Vassu T., **Stoica I.** 2015 *International Conference „Agriculture for life, life for agriculture”, 4-6 June 2015, Bucharest, Romania, Book of Abstracts, section 6 Biotechnology, p. 76.*
 14. Tănase A.M., Mereuta I. Chiciudean I., Ionescu R., Cornea P.C., Vassu T., **Stoica I.**, Metabolic and molecular dynamics of microbial communities from kerosene polluted microcosm, *European Biotechnology Congress 2015*, Bucharest, Romania, 07-09 May 2015, *Journal of Biotechnology*, Volumul 208, S64.
 15. Ionescu R., Mereuță I., Tănase A-M., Csutak O., Vassu T., **Stoica I.**, 2015, Screening studies of biosurfactant production by several *Pseudomonas aeruginosa* strains, *European Biotechnology Congress 2015*, Bucharest, Romania, 07-09 May 2015, *Journal of Biotechnology*, vol. 208, supplement, 20 August 2015, S64 (IF 2,667).
 16. Tănase A.M., Chiciudean I., Ionescu R., Milea L., Cornea C. P., Vassu T., **Stoica I.** 2014, Preliminary analysis of microbial communities profiles from soil, The 13th International Symposium “Prospects for the Third Millennium Agriculture”, Cluj-Napoca, România, sept. 25-27, p. 111.
 17. Chiciudean I., Tănase A.M., Mereuță I., Ionescu R., Vassu T., **Stoica I.**, 2014, *Bacterial contamination in kerosene storage tanks: intraspecific biodiversity and bioremediation potential of isolate*, 3rd International Conference on Clinical Microbiology and Microbial Genomics, sept. 24-26, Valencia, Spania, p. 104.
 18. Ionescu R., Tănase A.M., Pelinescu D., I. Sârbu I., Csutak O., Chiciudean I., Vassu T., **Stoica I.**, 2014 Screening methods for detection of biosurfactants produced by bacterial strains with biodegradative capacity, 3rd International Conference on Clinical Microbiology and Microbial Genomics, sept. 24-26, Valencia, Spania, p. 106.
 19. Sârbu I., Tănase A.M., Zamfir M., Vassu T., **Stoica I.**, Chifriuc C.M., Ionescu R., Pelinescu D., 2014 Screening for antimicrobial activity of lactic acid bacteria strains isolated from different Romanian food products, 3rd International Conference on Clinical Microbiology and Microbial Genomics, sept. 24-26, Valencia, Spania, p. 103.
 20. Csutak O., Cornea P., **Stoica I.**, Tanase A-M., Ionescu R., Vassu T., 2012 Taxonomical identification and antimicrobial activity of newly isolated *Metschnikowia pulcherrima* strains from grapes 5th *Croatian Congress of Microbiology with International Participation*, Croatia, Primosten, Sept. 26-30, oral presentation.
 21. Ionescu R., Tanase A.M., Sarbu I., Pelinescu D., Vassu T., Csutak O., Chiciudean I., **Stoica I.**, 2012, Taxonomic identification of *Pseudomonas* strains producing biosurfactants, 5th *Croatian Congress of Microbiology with International Participation*, Croatia, Primosten, sept. 26-30, p.60.
 22. Ionescu R., Tanase A.-M., Pelinescu D., Csutak O., Chiciudean I., Vassu T., **Stoica I.**, 2011, Molecular analysis on pseudomonas strains involved in oil biodegradation, IV Congress of Polish Biotechnology and IV EUROBIOTECH “Four Colors of Biotechnology”, Central European Congress of Life Sciences, oct 12-15, Krakow, Poland, p.101, oral presentation.
 23. Tanase A.M., Chiciudean I., Ionescu R., Csutak O., Pelinescu D., Vassu T., **Stoica I.**, 2011, Characterization of hydrocarbon-degrading microbial strains isolated from oil polluted soil, 15th *International Biodeterioration & Biodegradation Symposium*, IBBS 2011-15 Abstract Book, Viena, Austria, sept 19-24, p.185.
 24. Csutak O., Pavlusenco C., **Stoica I.**, Ghindea R., Tanase A.-M., Vassu T., 2011, Diversity and physiology analysis of new yeast strains isolated from oil-polluted environment, 15th *International Biodeterioration & Biodegradation Symposium*, IBBS 2011-15 Abstract Book, Viena, Austria, sept 19-24, p.228.
 25. Sarbu I., Csutak O., Pelinescu D., **Stoica I.**, Rusu E., Enache-Soare S., Cornea P., Tanase A-M, Ghindea R., Negruta O., Vassu T., 2010, New antifungal microbial strains effective against *Candida*

- strains isolated from infections, *Clinical Microbiology and Infection*, vol. 16, no. 2, pg. S690, abstract R2307, supplement ECCMID Congress Vienna 10-13 April 2010.
26. Sarbu I., Vassu T., **Stoica I.**, Vamanu E., Pelinescu D.R., 2011, Selection of lactic acid bacteria strains producing exopolysaccharides, *Curr. Opinion Biotechnol.*, vol. 22 supplement 1, p. S96 – S97 (*European Biotechnology Congress 2011*, 28 sept – 1 oct, Istanbul, Turcia).
 27. Ghindea R., Vassu T., Tanase A-M., Negruta O., **Stoica I.**, Enache-Soare S., Csutak O., 2009, Biodiversity studies on yeasts from natural isolates, *FEMS 2009, 3rd Congress of European Microbiologists*, Gothenburg, Sweden, June 28- July 2, p. 179.
 28. Tanase A-M., Moraru C., Vassu T., Ionescu R., Pelinescu D., Csutak O., Nicoara A., Ghindea R., **Stoica I.**, 2009, Phylogenetic analysis of oil polluted soil microbial strains, *FEMS 2009, 3rd Congress of European Microbiologists*, Gothenburg, Sweden, June 28- July 2, p. 182.
 29. Ionescu R., Tanase A-M., Vassu T., Nicoara A., Pelinescu D., Csutak O., Enache-Soare S., **Stoica I.**, 2009, Identification of microbial strains from oil and polluted soil, *FEMS 2009, 3rd Congress of European Microbiologists*, Gothenburg, Sweden, June 28- July 2, p. 178.
 30. Enache-Soare S., **Stoica I.**, Pelinescu D., Avram I., Csutak O., Nicoara A., Russu E., Vassu T., 2009, Analysis of fluconazole resistance of *Candida albicans* strains and use of lactic bacteria as alternative therapy, *Yeast*, vol.26, supplement: *24th International Conference on Yeast Genetics and Molecular Biology*, Manchester, UK, 19 – 24 July 2009, P. 268, p. 172
 31. Pelinescu, D.R., Vassu T., Popa V., Bucur E., Chifiriuc M.C., **Stoica I.**, Avram I., Ionescu R., Lazar V., Serbancea F., Sasarman E., 2008, Selection of probiotic lactic acid strains for human and animal use. *II-nd European Conference on probiotics and their application*, Cracow, 15-17 October, 2008, p.69.
 32. Enache Soare S., Pelinescu D.R., Chifiriuc M.C., Sasarman E., **Stoica I.**, Lazar V., Avram I., Larion C., Bucur M., Vamanu E., Gagi V., Vassu T., 2008, *Assesment of probiotic traits of some Lactobacillus strains. II-nd European Conference on probiotics and their application*, Cracow, 15-17 October, 2008, p. 70.
 33. Ionescu R., Vassu T., Nohit A.-M., Nicoara A., Pelinescu D., Soare S., Sasarman E., Avram I., **Stoica I.**, 2008, Molecular analysis on bacterial strains isolated from oil and oil-polluted soil, *4th European BioRemediation Conference*, Book of Abstracts, Chania, Crete, Greece, September 3-6, 2008, p.123.
 34. Nicoara A., Ionescu R., Vassu T., Nohit A.-M., Pelinescu D., Csutak O., Negruta O., Matei F., **Stoica I.**, 2008, Preliminary analysis in microbiological bioremediation of dinitrophenol pesticides-polluted soil, *4th European BioRemediation Conference*, Book of Abstracts, Chania, Crete, Greece, September 3-6, 2008, p.89.
 35. Pelinescu D., **Stoica I.**, Balotescu C., Sasarman E., Bleotu C., Avram I., Soare-Enache S., Ionescu R., Vamanu E., Serbancea F., Vassu T., 2008, Lactic acid bacteria characterization and *in vitro* studies on probiotic effect, *Abstracts Book of Genomes 2008 – Functional genomics of microorganisms*, Apr. 8-11.04.2008, Paris, France, p.178 (P113).
 36. Enache-Soare S., **Stoica I.**, Pelinescu D., Chifiriuc C., Ionescu R., Csutak O., Avram I., Vassu T., 2008, Comparative testing of virulence factors in *Candida albicans* and non-albicans strains isolated from clinical speciemens, *Abstracts Book of Genomes 2008 – Functional genomics of microorganisms*, Apr. 8-11.04.2008, Paris, France, p.108 (P43).
 37. Soare S., **Stoica I.**, Ionescu R., Csutak O., Simon-Gruita A., Anitei C., Ghindea R., Vassu Dimov T., 2006, Characterization of yeasts involved in oral and vulvovaginal candidiasis by molecular biology techniques, *Abstracts Book of The Second FEMS Congress of European Microbiologists*, Spain, Madrid, July 4-8, 2006, p 146 (P.CLI.48).
 38. Nohit A-M., Musat N., Musat F., Moraru C., Vassu T., Amann R., **Stoica I.**, 2006, Bacterial communities diversity and structure in oil contaminated soils from extraction fields, *Abstracts Book of The Second FEMS Congress of European Microbiologists*, Spain, Madrid, July 4-8, 2006, p 172 (P.ENV.92).
 39. Pelinescu D., **Stoica I.**, Sasarman E., Balotescu C., Nohit A., Ionescu R., Csutak O., Vassu Dimov T., 2006, Identification and characterization of some lactic acid bacteria strains isolated from fermented plants, *Abstracts Book of The Second FEMS Congress of European Microbiologists*, Spain, Madrid, July 4-8, 2006, p 203 (P.FOD.74).
 40. Nohit A.-M., **Stoica I.**, Vassu T., Trasca C., Sasarman E., Smarandache D., Fologea D., Iftime O., Ghindea R., Ataman M., 2003, Genomic Analysis on a Quinoline Degrading Bacterial Consortium, Gottingen, *European Conference on Prokaryotic Genomes*, 5-8 October 2003, University of Gottingen, Germany, Book of Abstracts p. 92.

41. Smarandache D., Vassu T., Sasarman E., **Stoica I.**, Nohit A.-M., Csutak O., Musat F., Fologea D., Grancea O., Gherasim R., 2001, Lactic acid bacteria used as probiotics: biochemical and genetic characterization. *12th Balkan Biochemical Biophysical Days, Molecular Biosciences in the Post-Genomics Era*, may 10-13, 2001, Bucharest, Romania, Book of Abstracts p 84.
42. **Stoica I.**, Muşat F., Vassu T., Săsărman E., Csutak O., Smarandache D., Grancea O., Gherasim R., 2000, Preliminary analysis of bacterial quinoline degradation, *ICCC-9 Ninth International Congress on Culture Collections*, Brisbane, Australia, 23-28 iul 2000, p 96.
43. Vassu T., Săsărman E., **Stoica I.**, Csutak O., Muşat F., Smarandache D., Fologea D., Grancea O., Gherasim R., 2000, Molecular studies on microorganisms used as probiotics, *ICCC-9 Ninth International Congress on Culture Collections*, Brisbane, Australia, 23-28 iul 2000, p 93.
44. Csutak O., Muşat F., **Stoica I.**, Vassu T., Săsărman E., Smarandache D., Grancea O., Gherasim R., Nohit A., Fologea D., 2000, Molecular taxonomy studies on microorganisms with xenodegrading abilities, *1st Romanian International Congress of Cell and Molecular Biology, The 18th Annual Session of Romanian Society of Cell and Molecular Biology*, Iaşi, 7 – 10 june, 2000, p 74.
45. Muşat F., **Stoica I.**, Vassu T., Săsărman E., Lazăr I., Csutak O., Smarandache D., 1999, Genetic analysis of some bacterial strains able to biodegrade quinolinic pollutants. *The Second Symposium with International Participation: "Drug Research Between Information and Life Science"*, Bucureşti, 1-3 nov 1999, p. 128-130.
46. Vamanu A., Smarandache D., Vassu T., Săsărman E., **Stoica I.**, Muşat F., Csutak O., Pamfil M., Caraiani T., Diaconu L., 1999, Morphophysiological, biochemical and genetic characterization of some lactic acid bacteria and *Bacillus* strains used as probiotics. *The Second Symposium with International Participation "Drug Research Between Information and Life Science"*, Bucureşti, 1-3 nov 1999, p 161-164.
47. Vassu T., Săsărman E., **Stoica I.**, Muşat F., Fologea D., Csutak O., Smarandache D., 1999, Electroporation în *Lactobacillus* strains transformation. *The Second Symposium with International Participation "Drug Research Between Information and Life Science"*, Bucureşti, 1-3 nov 1999, p 133-134.
48. Popa C., Popa O., **Stoica I.**, Ioniţă A., Tudor D., Săsărman E., Vassu T., Paraschiv I., Vamanu A., Radu R., Ghinea S., 1999, Studies regarding preparing the optical active esters of 4-halogeno,2-hydroxybutyric acid by microbial reductions. *The Second Symposium with International Participation "Drug Research Between Information and Life Science"*, Bucureşti, 1-3 nov 1999, p 117-118.
49. Vassu T., **Stoica I.**, Herlea V., Csutak O., Mitrache L., Săsărman E., 1996, GC Molar Percentage and Heteroduplex Reassociation în Natural Yeast Strain Classification. " *1st Balkan Meeting on Biology*, Thessaloniki, Greece, p 101.
50. **Stoica I.**, Vassu T., Csutak O., Mitrache L., Săsărman E., 1996, Studies on the Biodegradation of Quinolinic Polluants by Microorganisms. *The First Symposium with International Participation: "Drug Research Between Information and Life Science"*, Bucureşti, 3-4 oct 1996, p.101-102.
51. Săsărman E., Vassu T., **Stoica I.**, Csutak O., Mitrache L., 1996, Xenobiotic Compounds Impact on Microbial Metabolism in Natural Ecosystems. *The First Symposium with International Participation: "Drug Research Between Information and Life Science"*, Bucureşti, 3-4 oct 1996, p.104-105.
52. Stoian V., **Prutu I.**, 1991, *Comparative estimation of the radioprotective capacity of some new-synthesized compounds*. The 21st European Congress of Genetics and Environmental Mutagenesis, Prague, 1991, p 271.

X. Lucrări științifice prezentate la congrese/conferințe/simpozioane naționale publicate în rezumat

1. Cosac I., Tănase A.-M., Mereuță I., Ionescu R., Csutak O., Vassu T., **Stoica I.**, 2015, Studii de taxonomie pe tulpini de *Advenella* capabile să degradeze p-cresol. Sesiunea de Comunicări Științifice a Studenților Facultății de Biologie, ediția 29 Mai 2015, Bucureşti, p 17
2. Chiciudean I., Tănase A.-M., Ionescu R., Vassu T., **Stoica I.**, 2014 *Biodiversitatea bacteriana intraspecifică în tancuri de kerosen*, Sesiunea de Comunicări Științifice a Studenților Facultății de Biologie, Universitatea din Bucureşti, ediția: mai 2014, Bucureşti p.40
3. Chiciudean I., Tănase A.-M., Ionescu R., Vassu T., **Stoica I.**, 2013 *Dinamica potențialului de biodegradare în comunități microbiene din ecosisteme poluate cu petrol*, Sesiunea de Comunicări Științifice a Studenților Facultății de Biologie, Universitatea din Bucureşti, ediția: mai 2013, Bucureşti p.48.
4. Dinulescu G., Chiciudean I., Ionescu R., Tănase A.-M., Vassu T., **Stoica I.**, 2013, *Studiul potențialului de degradare a n-alkanilor la tulpini bacteriene izolate din soluri poluate cu petrol*, Sesiunea de

- Comunicări Științifice a Studenților Facultății de Biologie, Universitatea din București, ediția: mai 2013, București, p.19.
5. Mereuță I., Chiciudean I., Tănase A.-M., Ionescu R., **Stoica I.**, 2013, *Biodiversitate taxonomică în comunități microbiene din tancuri de kerosene contaminate*, Sesiunea de Comunicări Științifice a Studenților Facultății de Biologie, Universitatea din București, ediția: mai 2013, București, p.20.
 6. Mărutescu L., Ionescu R., Chifiriuc M.-C., Tănase A.-M., Vassu T., **Stoica I.**, Lazăr V., 2012, Analiza comparativa a curbei de crestere la *Pseudomonas fluorescens* pe petrol si *n*-hexadecan prin tehnici de analiza clasica si citometrie in flux, Congresul National de Citometrie, mai 2012, Bucuresti, organizat de Asociația de Citometrie din Romania.
 7. Chiciudean I., Tănase A.-M., Ionescu R., Vassu T., **Stoica I.**, 2012, *Analize moleculare pe tulpini microbiene ce degradează n-alcani*, Sesiunea de Comunicări Științifice a Studenților Facultății de Biologie, Universitatea din București, ediția 25 mai 2012, București, p 19.
 8. Chiciudean I., Nicoară A., Tănase A.-M., **Stoica I.**, 2010, *Studii de taxonomie moleculară pe tulpini bacteriene izolate din sol poluat cu Dinocap*, Sesiunea de Comunicări Științifice a Studenților Facultății de Biologie, Universitatea din București, ediția mai 2010, București.
 9. Chifiriuc C. M., Sasarman E., Lazar V., Smarandache D., Vassu T., **Stoica I.**, Dracea O., Iordache C., Bucur M., Larion C., Avram O., 2008, Studii preliminare de selectare a unui nou produs probiotic cu utilizare în profilaxia și tratamentul bolii diareice la copilul mic, *Workshop – PROBIOTICELE. Alternativă la tratamentele convenționale*, Universitatea din București – Facultatea de Biologie, 20 iunie 2008, p 14.
 10. Pelinescu D., Lazar V., Balotescu C., **Stoica I.**, Sasarman E., Ghindea R., Avram I., Nohit A.-M., Ionescu R., Soare S., Csutak O., Vassu T., 2008, Caracterizarea genetica, biochimica si fiziologica a microorganismelor cu potențial probiotic, *Workshop – PROBIOTICELE. Alternativă la tratamentele convenționale*, Universitatea din București – Facultatea de Biologie, 20 iunie 2008, p7.
 11. Vassu T., Pelinescu D., **Stoica I.**, Sasarman E., 2008, Cercetări biotehnologice și de nivel molecular privind obținerea de preparate probiotice de uz zoo-veterinar, *Workshop – PROBIOTICELE. Alternativă la tratamentele convenționale*, Universitatea din București – Facultatea de Biologie, 20 iunie 2008, p 1.
 12. Csutak O., Vassu T., Ionescu R., **Stoica I.**, Nicoara A., Enache-Soare S., Tanase A-M, Negruta O., Pelinescu D., Ghindea R., Avram I., 2008, Studii de biologie moleculară asupra unor tulpini de microorganisme utilizate în obținerea de biopreparate cu acțiune antifungică, *Workshop „Biopreparatele microbiene – cale alternativă pentru tratamentele chimice”*; Proiect de cercetare CEEEX 52/2006, 11 Aug 2008, Centrul de Biochimie aplicata si Biotehnologie Bucuresti (BIOTEHNOL), USAMVB, Bucuresti.
 13. Petcu I., Acasandrei M.A., Savu D., Radu M., **Prutu I.**, Vassu-Dimov T., 2005, Combined cytotoxic effects of ionizing radiation and magnetic field in yeasts and human lymphocytes, *The VIIIth Romanian Biophysics Conference “Advanced Biomaterials and Biophysical Techniques”*, Iasi, Romania, May 26-28, 2005, p 27.
 14. Ghindea R., Soare S., Ionescu R., Fologea D., Vassu T., **Stoica I.**, 2004, Studii de taxonomie moleculara la unele tulpini de drojdii, *A 22-a Sesiune Științifică Anuală a Societății de Biologie Celulară*, 10-13 iun 2004, Sighisoara, p 23.
 15. Nohit A-M, **Stoica I.**, Vassu T., Trasca C., Smarandache D., Ionescu R., Smarandache D., 2004, *Studii de biodegradare microbiana in ecosisteme poluate*, Lucrările celui de al X-lea Simpozion de Microbiologie si Biotehnologie 14-16 Oct 2004, Iasi, p 455-460, Ed. Corson, 2005, ISBN 973-8225-29-9.
 16. Nohit A.-M., **Stoica I.**, Vassu T., Mușat F., Săsărman E., Csutak O., Smarandache D., Gherasim R., Fologea D., Iftime O., Trașcă C., 2002, Analize preliminare ale biodegradării unor alcani de către consorții bacteriene, *A XX-a Sesiune Științifică Anuală a Soc.Naț.Biol.Cel.*, Satu Mare, 6-9 iun 2002, Bul. Soc. Nat. Biol. Cel. Nr. 30, iun 2002, p 233.
 17. Csutak O., Vassu T., **Stoica I.**, Gherasim R., Fologea D., Săsărman E., Nohit A.-M., Smarandache D., Iftime O., 2002, Studii privind capacitățile xenodegradative ale unor tulpini de drojdii izolate din soluri poluate cu deșeuri petroliere. *A XX-a Sesiune Științifică Anuală a Soc.Naț.Biol.Cel.*, Satu Mare, 6-9 iun 2002, Bul. Soc. Nat. Biol. Cel. Nr. 30, iun 2002, p 234-235.
 18. Sasarman E., Vassu T., Csutak O., Gherasim R., Smatandache D., Fologea D., **Stoica I.**, Musat F., Nohit A.-M., Grancea O., Ionescu N., 2001, Studii moleculare pe microorganisme cu potential biotehnologic, *Bul.Soc.Nat.Biol.Cel. nr.29 – iun 2001, p 237, A Nouasprezecea Sesiune Stiintifica Anuala a Societatii de Biologie Celulara*, 7-10 iun 2001, Baia Mare.

19. Vassu T., Csutak O., **Stoica I.**, Săsărman E., Mușat F., Smarandache D., 1999, Biologia celulară și moleculară a ciclului celular la drojzii. În volumul de *Comunicări al celei de a 17-A Sesiuni Științifice Anuale a Societății de Biologie Celulară*, Constanța, iun 1999, p 23.
20. Csutak O., Vassu T., Stoica I., Brezeanu A., Mușat F., Săsărman E., Smarandache D., 1999, Tehnici actuale în taxonomia moleculară a drojdiilor. În volumul de *Comunicări al celei de a 17-A Sesiuni Științifice Anuale a Societății de Biologie Celulară*, Constanța, iun 1999, p 31.
21. **Stoica I.**, Mușat F., Vassu T., Săsărman E., Csutak O., Lazăr I., Smarandache D., 1999, Tehnici moderne folosite în analiza procesului de biodegradare și în caracterizarea genetică a unor microorganismе cu capacități xenodegradative. *A Șaptesprezecea Sesiune Științifică Anuală a Soc.Naț.de Biologie Celulară* 10-11 iun 1999, Constanța. Buletinul SNBC nr.27, p 30.
22. Fologea D., Vassu T., **Stoica I.**, Radu M., 1997, Electrostimulation of yeast division rate, *Conferința Naț. de Biofizică*, Cluj, p 117.
23. Arion R., Georgescu M., Mateescu M., Constantinescu S., **Prutu I.**, 1987, *Modelul cibernetic al sistemului epidemiologic al rujeolei*. Conferinta Nationala de Cibernetica - Sesiunea de Cibernetica Medicala, Bucuresti.
24. Arion R., Georgescu M., Constantinescu S., **Prutu I.**, 1987, *Elemente de modelare, simulare si prognoza in epidemiologie*. Conferinta Nationala MEDINF, Craiova.
25. Arion R., Georgescu M., Mateescu M., Constantinescu S., **Prutu I.**, 1986, *Studii de prognoza in epidemiologia rujeolei* . Simpozionul National de Rujeola, Bucuresti.

XI. Conferințe invitate/lucrări plene, comunicări orale la manifestări științifice internaționale

1. **Stoica I.**, 2008, *Molecular analysis on bacterial strains isolated from oil and oil-polluted soil*, Invited lecture at 4th *European BioRemediation Conference*, Chania, Crete, Greece, September 3-6, 2008.
2. **Stoica I.**, 2003, *Advanced Topics in Southern blotting*, Invited lecture at FEBS Advanced Theoretical and Practical Course: Recombinant DNA Technology & Protein Expression, June 23-July 1, 2005, Bucharest, Romania.(www.febs.org)
3. **Stoica I.**, 2003, *Detection of Nucleic Acids by Southern and Northern blot*, Invited lecture at FEBS Advanced Theoretical and Practical Course: Recombinant DNA Technology & Protein Expression, September 21 - 27, 2003, Bucharest, Romania.(www.febs.org)
4. D. Fologea, T. Vassu, **Stoica I.**, M. Radu – *Electrostimulation of yeast division*, FEBS advanced course, Bucharest, 1997.
5. **Stoica I.**, B.Kinkle, 1994, *Bacterial Ecology of Phenazine-Production by Soil Pseudomonads* – Conferinta de sinteza prezentata la Univ of Cincinnati, SUA, 1994. Invited chair-person at 4th *European BioRemediation Conference*, Chania, Crete, Greece, September 3-6, 2008

20.01.2020

Profesor dr. Ileana Stoica

