

Nume Prenume: **PONEPAL Maria Cristina**

Gradul didactic: Lector

Instituția unde este titular: Universitatea Națională de Știință și Tehnologie POLITEHNICA București

Facultatea: Științe, Educație Fizică și Informatică

Departamentul: Științe ale Naturii

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Investigatii ecofizilogice si ecotoxicologice la unele specii de pesti din raul Arges, Universitatea din Pitesti, domeniul Biologie, 2011

B. Cărți si capitole în cărți publicate în ultimii 10 ani

1. Păunescu A., Popescu M., **Ponepal** M.C., Sinescu D.R., Man G.M., *Aparatul locomotor*, Editura Universitatii din Pitesti, 227 p., ISBN 978-606-560-434-6, 2015, (TC_5_2015_DSN)
2. Păunescu A., **Ponepal** C., Man G.M., Hontaru S., Diaconescu D., Popescu M., *Biologie. Teste pentru examenul de admitere la specializarea Asistenta medicala generala*, Editura Universitatii din Pitesti, ISBN978-606-560-547-3, 2017, (TC_4_2017_DSN)
3. Păunescu A., **Ponepal** C., Man G.M., Hontaru S., Stocheci C., *Biologie. Teste pentru examenul de admitere la specializarea Asistenta medicala generala*, Editura Universitatii din Pitesti, 160 p., editia a 2-a, revizuita si adaugita, ISBN 978-606-560-571-8, 2018, (TC_3_2018_DSN)
4. Păunescu A., **Ponepal** C., Man G.M., Tantu M.M., Stocheci C., Stoiculescu A., Diaconescu D., Hontaru S., *Biologie Teste pentru examenul de admitere la specializarea Asistenta medicala generala - editia a 3-a, revizuita si adaugita*, Editura Universitatii din Pitesti, 179 p., 2019, (TC_5_2019_DSN)
5. Soare L.C., Păunescu A., **Ponepal** M.C., *The Morphophysiological, Histological, and Biochemical Response of Some Nontarget Organisms to the Stress Induced by the Pesticides in the Environment - In Marcelo Larramendy, Sonia Soloneski (Eds.), Pesticides Use and Misuse and Teir Impact in the Envir*, IntechOpen, <http://dx.doi.org/10.5772/intechopen.78909>, First published in London, United Kingdom, 2019 by IntechOpen ISBN/ISSN: Print ISBN 978-953-51-7998-6 Online ISBN 978-1-83880-047-5 eBook (PDF) ISBN 978-1-83880-048-2, (TC_11_2019_DSN)
6. Păunescu A., **Ponepal** C., Man G.M., Tantu M.M., Hontaru S., *Biologie. Teste pentru examenul de admitere la specializarea Asistenta medicala generala*, ediția a 4-a, revizuită și adăugită Editura Universtității din Pitești, 185 p., 2021, (TC_2_2021_DSN)
7. Ponepal M.C., Păunescu A., *Studies on the effect of phytosynthesized silver nanoparticles in mice and rats - In Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticu*, Ruse Press, ISBN 978-619-91466-2-0, 251 p., 2021, (TC_4_2021_DSN)
8. Păunescu A., **Ponepal** C., Stoiculescu A., Ștefan C., Honțaru S., Man G.M., Tânțu M.M., *Biologie. Teste pentru examenul de admitere la specializarea Asistenta medicala generala*, ediția a 5-a, revizuită și adăugită Editura Universtității din Pitești, 208 p., ISBN/ISSN: 978-606-560-717-0, 2022, (TC_15_2022_DSN)
9. **Ponepal** C., Șuțan N., Bărbuceanu D., Păunescu A., Stegăruș D., Soare L., *Freshwater Toxicity Tests and Experimental Environment Procedures*, Ponepal, C., Șuțan, N., Bărbuceanu, D., Păunescu, A., Stegăruș, D., Soare, L. (2024). Freshwater Toxicity Tests and Experimental Environment Procedures. In: Atamanalp, M., Alak, G., Uçar, A., Parlak, V. (eds) Aquatic Toxicology in Freshwater. Springer Water. Springer, Cham., pp 45-94, https://doi.org/10.1007/978-3-031-56669-1_4 Electronic ISSN 2364-8198, Print ISSN 2364-6934, 2024

C. Lucrări (articole) ISI / BDI publicate în perioada ultimii 10 ani

Articole în reviste cotate ISI Thomson Reuters

1. Păunescu A., Zgurschi G., Soare L.C., Man G.M., Brînzea G., Fierascu R.C., Fierascu I., **Ponepal M.C.**, *The Protective Role of Thiourea on Leuciscus cephalus Exposed to Sublethal Doses of Pendigan 330EC (Pendimethalin) Herbicide*, Bulletin of Environmental Contamination and Toxicology, volume 97, Issue 2, pp. 203-210, ISSN 0007-4861 (Print) 1432-0800 (Online), Impact Factor 1.191, Article Influence Score 0.3WOS: 000379749800010, 2016, (TC_5_2016_DSN)
2. Brînzea G., **Ponepal M.C.**, Păunescu A., Popescu M., Fierăscu I., Fierăscu R.C., Marinescu A.G., *Bioaccumulation and Effects of Aluminium Content in Alleato 80WG Fungicide on Some Lumbricidae Species*, Environmental Engineering and Management Journal, April 2017, Vol.16, No.4, 891-896, [http://omicron.ch.tuiasi.ro/EEMJ/ F.I-1.096, AI-0.073, 2017, \(TC_4_2017_DSN\)](http://omicron.ch.tuiasi.ro/EEMJ/F.I-1.096, AI-0.073, 2017, (TC_4_2017_DSN)
3. Păunescu A., Soare L.C., Fierascu R.C., Fierascu I., **Ponepal M.C.**, *The influence of six pesticides on physiological indices of Pelophylax ridibundus (Pallas, 1771)*, Bulletin of Environmental Contamination and Toxicology Impact Factor 1.480 AI 0.3Mar 24: 100 (3): 376-383DOI <https://doi.org/10.1007/s00128-018-2277-9> Online ISSN 1432-0800Publisher name Springer US Print ISSN 0007-4861, 2018, (TC_3_2018_DSN)
4. Păunescu A., **Ponepal M.C.**, Soare C.L., Plesa C.F., Nemes R.M., Nicolae C., Bisoc A., Diaconu M., Fierascu I., Fierascu R.C., Tantu M.M., Zagardan M.C., *Evaluation of histophysiological alterations associated with ketoprofen administration in Albino NMRI mice*, Naunyn-Schmiedeberg's Archives of Pharmacology volume 393, pages1033–1039(2020), AI 0.484 DOI: 10.1007/s00210-019-01806-z, 2020, (TC_1_2020_DSN)
5. Paunescu A., Soare L.C., Fierascu I., Fierascu R.C., Mihaescu C.F., Tofan L., **Ponepal M.C.**, *Ecotoxicological Studies on the Action of Actara 25 WG Insecticide on Prussian Carp (Carassius gibelio) and Marsh Frog (Pelophylax ridibundus)*, Toxics 2022, 10, 114. <https://doi.org/10.3390/toxics10030114>, IF=4.146(2020), AIS=0.796, 2022, (TC_2_2022_DSN)
6. Paunescu A., **Ponepal C.M.**, Tofan L., Brinzea G., Tantu M.M., Mihaescu C.F., Draghiceanu O.A., Popoviciu D.R., Fagaras M.M., Vasile D., Soare L.C., *Ecotoxicological Risk Assessment of Actellic 50 EC Insecticide on Non-Target Organisms in Parallel with the Application of Standardized Tests*, Toxics 2022, 10(12), 745: 1-21, <https://doi.org/10.3390/toxics10120745>, F.I= 4.472, AIS= 0.825, 2022, (TC_2_2022_DSN)
7. **Ponepal M.C.**, Soare L.C., Drăghiceanu O.A., Mihăescu C.F., Şuţan N.A., Tântu M.M., Păunescu A., *Evaluation of the Morphological, Physiological and Biochemical Effects Induced by Coragen 20 SC in Some Non-Target Species*, Toxics 2023, 11, 618. <https://doi.org/10.3390/toxics11070618>, WOS:001038907400001, FI=4,6, AIS 0,719, 2023, (TC_10_2023_DSN)
8. Şuţan N.A., Paunescu A., Topala C., Dobrescu C., **Ponepal M.C.**, Stegăruş D.I.P., Soare L.C., Tamaian R. *Aconitine in Synergistic, Additive and Antagonistic Approaches*. *Toxins*. 2024; 16(11):460. <https://doi.org/10.3390/toxins16110460>, (TC_3_2024_DSN)

Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale

9. Brinzea G., Paunescu A., **Ponepal M.C.**, *Bioaccumulation and Effects of Aluminium Content in Alleato 80WG Fungicide on Some Lumbricidae Species (Oligochaeta-Lumbricidae)*, Current Trends in Natural Science.vol. 4 (7), pp 66-74. ISSN 2284953x. Publisher University of Pitesti, 2015, (TC_5_2015_DSN)
10. Brinzea G., Păunescu A., **Ponepal M.C.**, *Bioaccumulation and effects of Zn and Mn contained by Dithane M45 on Eisenia foetida (Oligochaeta-lumbricidae) species*, Oltenia.Studii si comunicari. Stiintele naturii, Tom 31, Nr.1, pp 213-220, P-ISSN 1454-6914, 2015, (TC_5_2015_DSN)
11. Baciuc C.A., Brînzea G., Păunescu A., Ciobanu C., **Ponepal M.C.**, Drăghici O., Bucă M., Marinescu A.G., *The action of Coragen insecticide of certain physiological biomarkers on Carassius auratus gibelio Bloch L. 1758*, Current Trends in Natural Sciences, vol. 4 (8), pp 6-12, ISSN (online) 2284-953x, Publisher University of Pitesti, 2015, (TC_5_2015_DSN)
12. Baciuc C.A., Biţu D., Zagardan M.C., Păunescu A., Brînzea G., **Ponepal C.M.**, Drăghici O., Marinescu A.G., *Research regarding the influence of certain pesticides on some physiological indices at Carrasius auratus gibelio Bloch 1758*, Muzeul Olteniei Craiova, Oltenia. Studii si comunicari. Stiintele Naturii, Tom 31, Nr.2, pp.221-227, P-ISSN 1454-6914, 2015, (TC_5_2015_DSN)
13. Baciuc C.A., Brînzea G., Păunescu A., **Ponepal M.C.**, Abrudeanu M., Drăghici O., Marinescu A.G., *Study regarding the influence of Royal insecticide on some physiological indexes at Carassius auratus gibelio Bloch 1758*, Current Trends in Natural Sciences, vol. 4 (7), pp 118-123, ISSN (online) 2284-953x, Publisher University of Pitesti, 2015, (TC_5_2015_DSN)

14. Bucă M., Zagardan M.C., Scarlat M.E., Păunescu A., **Ponepal** C.M., Marinescu A.G., *Investigation on the hypoglycemic effect of some vegetal extracts in experimental intoxications at Cd-1 mice*, Current Trends in Natural Sciences, vol.5 (10), pp 102-106, ISSN online 2284-953X, Publisher University of Pitesti, 2016, (TC_5_2016_DSN)
15. Brînzea G., Păunescu A., **Ponepal** M.C., *Soilearthworm relationship reflected in lumbricidae dynamics*, Scientific studies and researches series biology, 26(2): 49-57, Alma Mater Bacau Publishing House ISSN: 1224-919 X, 2017, (TC_4_2017_DSN)
16. **Ponepal** M.C., Brînzea G., Păunescu A., *Contributions to the study on the effects of Stomp 330 EC herbicide upon the marsh frog*, Current Trends in Natural Sciences, 6(12), 238-247. Current Trends in Natural Sciences 2017, (TC_4_2017_DSN)
17. Scarlat M.E., Bucă M., Zagardan M.C., Păunescu A., **Ponepal** C.M., Popescu M., Marinescu A.G., *Study on the hepatoprotective effect of plantago major extract on experimental poisoning by diclofenac in NMRI albino mice*, Current Trends in Natural Sciences, 6(12), 248-252, 2017, (TC_4_2017_DSN)
18. Bucă M., Zagardan M.C., Scarlat M.E., Baciuc C.A., Popescu M., Păunescu A., **Ponepal** C.M., Marinescu A.G., *Evolution of the haematological indices at CD1 mice with induced diabetes, treated with vegetal extracts of Aronia melanocarpa and Silybum marianum*, Current Trends in Natural Sciences, 6(12), 184, 2017, (TC_4_2017_DSN)
19. Scarlat M.E., Bucă M., Zagardan M.C., Păunescu A., **Ponepal** C.M., Popescu M., Marinescu A.G., *Study on the hepatoprotective effect of Silybum marianum extract on experimental poisoning by paracetamol in NMRI albino mice*, Current Trends in Natural Sciences, 6(12), 253-258, 2017, (TC_4_2017_DSN)
20. Bucă M., Zagardan M.C., Scarlat M.E., Popescu M., Păunescu A., **Ponepal** C.M., Marinescu A.G., *Liver histopathology at mice with induced diabetes treated with vegetal extract of Silybum marianum*, Current Trends in Natural Sciences, 7(13), 12-18, 2018, (TC_3_2018_DSN)
21. Păunescu A., **Ponepal** M.C., *Histopathological changes induced by several fungicides upon gall-bladder structure in Pelophylax ridibundus*, Current Trends in Natural Sciences, 7(14), 93-100, 2018, (TC_3_2018_DSN)
22. **Ponepal** M.C., Brînzea G., Țânțu M.M., Diaconu M., Păunescu A., *Study on water temperature effect in experimental intoxications with Talstar One insecticide on perch*, Current Trends in Natural Sciences, 7(14), 276-282, 2018, (TC_3_2018_DSN)
23. Scarlat M.E., Bucă M., Zagardan M.C., Marinescu A.G., **Ponepal** C.M., Popescu M., Păunescu A., *Modification of hematological indicators in paracetamol intoxication in albino NMRI mice and evidence of protective effect of Silybum marianum vegetal extract*, Current Trends in Natural Sciences, 7(14), 230-235, 2018, (TC_3_2018_DSN)
24. **Ponepal** M.C., Păunescu A., *Research on the influence of temperature and water hardness on breathing in some fish species*, Current Trends in Natural Sciences, 8(16): 140-146 ISSN: 2284-953X, ISSN-L: 2284-9521, 2019, (TC_1_2019_DSN)
25. Păunescu A., **Ponepal** C.M., Drăghici O., Marinescu A.G., *Histologic Modification Induced by the Action of the Insecticide Samurai on the Skin and Liver of Rana Ridibunda*, Lucrări Științifice - Universitatea de Științe Agronomice și Medicină Veterinară București. Seria B, Horticultură , No.51 pp.666-670, P ISSN 2285-5653, online ISSN 2286-1580, 2019, (TC_5_2019_DSN)
26. **Ponepal** M.C., Păunescu A., *Haematological biomarkers in different experimental intoxications in perch*, Current Trends in Natural Sciences, 9(18), 154-162. <https://doi.org/10.47068/ctns.2020.v9i18.021>, 2020, (TC_1_2020_DSN)
27. **Ponepal** M.C., Tantu M.M., Diaconu M., Păunescu A., *Lungs histological changes in experimental intoxication with Reldan 40 EC at Pelophylax ridibundus (Pallas, 1771)*, Current Trends in Natural Sciences, 10(20), 122-129. <https://doi.org/10.47068/ctns.2021.v10i20.017> 2021, (TC_2_2021_DSN)
28. Mihaescu C., **Ponepal** C., Tantu M.M., Brînzea G., Brînzea N., Soare L.C., Păunescu A., *Aspects regarding the attack of some biodeteriogens on some cult objects from Arges county*, Current Trends in Natural Sciences, 11(22), 172-177. <https://doi.org/10.47068/ctns.2022.v11i22.020>, 2022, (TC_2_2022_DSN)
29. **Ponepal** M.C., Brînzea G., Păunescu A., *Evaluation of histophysiological alterations in respiratory process associate with FIPRONIL administration in european chub*, Studii și Cercetări, Biologie 31/2 29-39, Universitatea „Vasile Alecsandri” din Bacău, Mai 2022, 2022, (TC_2_2022_DSN)

30. Ponopal M.C., Brînzea G., Mihăescu C., Păunescu A., *Study on some toxic effects of the insecticide Fendona 15 SC on the prussian carp (Carassius gibelio, Bloch, 1782)*, Current Trends in Natural Sciences, 12(24), 25-33. <https://doi.org/10.47068/ctns.2023.v12i24.003>, 2023, (TC_12_2023_DSN)
31. Luțu O.A., Soare L.C., Fierăscu I., Fierăscu R.C., Dobrescu C.M., Păunescu A., **Ponopal** C. M., Topală C.M., Vîjan L.E., Deliu I., Negrea A.D., Vîlcoci D.Ș. Cîrstea G., Aldea F., Honțaru S.O., Șuțan A.N, *Phytotoxicity, cytogenotoxicity and antimicrobial potential of extracts with gold-silver bimetallic nanoparticles obtained from pteridophyte spores*, Phytotoxicity, cytogenotoxicity and antimicrobial potential of extracts with gold-silver bimetallic nanoparticles obtained from pteridophyte spores, Caryologia, 77(1), 65–82. <https://doi.org/10.36253/caryologia-2024>, 2024, (TC_4_2024_DSN)

D. Lucrări (articole) publicate în perioada 2015 - 2024 în reviste și volume de conferințe cu referenți (neindexate)

D2. Articole în volumele manifestărilor științifice

1. Paunescu A., Fierascu I., Fierascu R.C., **Ponopal** C.M., Mihaescu C., Soare L.C., *Histopathological Alteration on Marsh Frog Skin Induced by the Action of Dual Gold 960EC Herbicide*, Multidisciplinary Digital Publishing Institute Proceedings 2019, 29, 124; doi:10.3390/proceedings2019029124, 2019, (TC_1_2019_DSN)

19.11.2024

Semnătura