

LISTA DE LUCRĂRI  
a cadrului didactic PAUNESCU ALINA

**A. Teza de doctorat**

*Intoxicații experimentale la Rana ridibunda: efectul asupra ficatului și a altor organe reactive*, Universitatea din București, Facultatea de Biologie Distinctia "Cum laudae", Biologie, 2011

**B. Cărți și capitole în cărți publicate în perioada 2016 - 2025**

**B1. Cărți și capitole în cărți de specialitate internaționale ca autor (cu ISBN extern)**

1. Liliana Cristina Soare, **Alina Paunescu**, Ponopal Cristina Maria, *The Morphophysiological, Histological and Biochemical Response of Some Nontarget Organisms to the Stress Induced by the Pesticides in the Environment*, Pesticides, Anthropogenic Activities and the Health of our Environment, Editura IntechOpenDOI: 10.5772/intechopen.84332, 2019

2. Cristina Maria Ponopal, **Alina Paunescu**, *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 horticulture*, Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticultural crops Ruse Press, ISBN 978-619-91466-2-0 EDITORS: Irina FIERASCU Radu Claudiu FIERASCU Liliana Cristina SOARE, 2021

3. Soare LC, **Paunescu A**, Dobrescu CM, Neblea MA, Dorobăț LM, *Ferns – a valuable plant resource in modern research*, In Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticultural crops, In Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticultural crops pp: 27-44, Ruse Press, ISBN 978-619-91466-2-0 , 2021

4. Cristina Maria Ponopal, Nicoleta Anca Sutan, Daniela Barbuceanu, **Alina Paunescu**, Diana Ionela Stegarus, Liliana Cristina Soare, *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. <https://doi.org/10.1007/978-3-031-56669-1pp>: 45-94, 2024

**B2. Cărți și capitole în cărți de specialitate naționale ca autor (cu ISBN intern)**

1. **Alina Paunescu**, Cristina Ponopal, George Mihail Man, Sorina Hontaru, Dan Diaconescu, Mihai Popescu, *BIOLOGIE - TESTE PENTRU EXAMENUL DE ADMITERE LA SPECIALIZAREA ASISTENTA MEDICALA GENERALA*, Editura Universitatii din Pitesti ISBN 978-606-560-547-3 pp. 121, 2017

2. **Alina Paunescu**, Cristina Ponopal, Man George Mihail, Sorina Hontaru, Cristina Stocheci, *BIOLOGIE - TESTE PENTRU EXAMENUL DE ADMITERE LA SPECIALIZAREA ASISTENTA MEDICALA GENERALA*, editia a 2-a, revizuita si adaugita, Editura Universitatii din Pitesti 159pp ISBN 978-606-560-5718, 2018

3. **Alina Paunescu**, Cristina Ponopal, George Mihail Man, Monica Marilena Tantu, Cristina Stocheci, Adrian Stoiculescu, Dan Diaconescu, Sorina Hontaru, *Biologie Teste pentru examenul de admitere la specializarea Asistenta medicala generala - editia a 3-a, revizuita si adaugita*, Editura Universitatii din Pitesti, 179 pagini , 2019

4. **Alina PAUNESCU**, Cristina PONEPAL, George Mihail MAN, Monica Marilena TANTU, Sorina HONTARU, *Biologie. Teste pentru examenul de admitere la specializarea Asistenta medicala generala*, editia a 4-a revizuita si adaugita, Editura Universitatii din Pitesti, 185 pagini, 2021

5. Magdalena Diaconu, **Alina Paunescu**, Camelia Nicolae, Monica Marilena Tantu, *Ghid practic de Farmacologie*, Editura Universitatii din Pitesti, 144 pagini, 2021

6. **Alina Paunescu**, Cristina Ponopal, Adrian Stoiculescu, Costin Stefan, Sorina Hontaru, George Mihail Man, Monica Marilena Tantu, *BIOLOGIE - TESTE PENTRU EXAMENUL DE ADMITERE LA SPECIALIZAREA ASISTENTA MEDICALA GENERALA*, editia a 5-a, revizuita si adaugita, Editura Universitatii din Pitesti, 208pp, 2022

### C. Lucrări (articole) ISI / BDI publicate în perioada 2016 - 2025

#### C1. Articole în reviste cotate ISI Thomson Reuters

1. **Alina Păunescu**, G.Zgurschi, L.C.Soare, G.M.Man, G.Brinzea, R.C.Fierăscu, Irina Fierăscu, M.C.Ponopal, *The Protective Role of Thiourea on Leuciscus cephalus Exposed to Sublethal Doses of Pendigan 330ECX (Pendimethalin) Herbicide*, Bulletin of Environmental Contamination and Toxicology, 97, 2: 203-210, 2016

2. RADU CLAUDIU FIERASCU, SORIN MARIUS AVRAMESCU, GABRIEL VASILIEVICI, IRINA FIERASCU, **ALINA PAUNESCU**, *Thermal and spectroscopic investigation of Romanian historical documents from the nineteenth and twentieth century*, Journal of Thermal Analysis and Calorimetry 123:1309-1318, 2016

3. Gheorghita Brinzea, Maria Cristina Ponopal, **Alina Paunescu**, Monica Popescu, Irina Fierascu, Radu Claudiu Fierascu, Alexandru Gabriel Marinescu, *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/>, 2017

4. **Alina Paunescu**, Liliana Cristina Soare, Radu Claudiu Fierascu, Irina Fierascu, Maria Cristina Ponopal, *The influence of six pesticides on physiological indices of Pelophylax ridibundus (Pallas, 1771)*, Bulletin of Environmental Contamination and Toxicology 100 (3): 376-383, DOI <https://doi.org/10.1007/s00128-018-2277-9>, 2018

5. Monica Marilena Tantu, George Mihail Man, **Alina Paunescu**, Cristina Florentina Plesa, Roxana Maria Nemes, Camelia Nicolae, Liliana Manuela Rogozea, Cosmin Moldovan, Elena Rusu, Alina Bisoc, *Corelations Between the Use of Medical Substances and the Incidence Infections Produced by Clostridium Difficile Species*, Revista de Chimie, Bucharest, Vol.69(11): 3001-3005, 2018

6. Cristina Florentina Plesa, Camelia Nicolae, Carmen Adella Sirbu, Roxana Nemes, **Alina Paunescu**, Monica Marilena Tantu, *Use of Anticoagulants in Cerebral Vascular Pathology*, Farmacia 67(1): 27-33, 2019

7. Monica Marilena Tantu, George Mihail Man, Liliana Rogozea, **Alina Paunescu**, Cristina Florentina Plesa, Roxana Maria Nemes, Camelia Nicolae, Alina Bisoc, *Drog Use, a Valid Indicator of Effective Implementation of Medical Protocols*, Revista de Chimie (Bucharest) 70(3): 859-862, 2019

8. Carmen Mihaela Topala, **Alina Paunescu**, Liliana Cristina Soare, *ATR-FTIR Spectral Analysis of Ferns Using as Fingerprint for Identification of Fern Species*, Revista de Chimie (Bucharest) 70(3): 875-880, 2019

9. Monica Marilena Tantu, George Mihail Man, **Alina Paunescu**, Cristina Florentina Plesa, Camelia Nicolae, Liliana Marcela Rogozea, Alina Bisoc, Marwa F Mostafa, Roxana Maria Nemes, Madgalena Diaconu, *Advantages of Negative Pressure Therapy in Local Diabetic Foot Treatment*, Revista de chimie (Bucharest) 70(4):1307-1310, 2019

10. Alexandru Madalin Buse, Ioan Tiberiu Nanea, Camelia Nicolae, Cristina Florentina Plesa, Roxana Maria Nemes, Alina Bisoc, Magdalena Diaconu, **Alina Paunescu**, Monica Marilena Tantu, *The Influence of Diabetes Mellitus on Sodium Homeostasis in Patients with Preserved Ejection Fraction Heart Failure*, Revista de Chimie (Bucharest) 70(5): 1738-1743, 2019

11. Bogdan Ioan Coculescu, Diana Popescu, Lucia Ionescu, Gabriela Dumitrescu, Monica Marilena Tantu, Marius Neculescu, **Alina Paunescu**, *Research on new patterns of antimicrobial resistant in bacterial pathogens identified in healthcare-associated infections*, Revista de Chimie Bucuresti, 70(8):2963-2967, 2019

12. Ioan Tiberiu Nanea, Camelia Nicolae, Adriana Mihaela Iliesiu, Florentina Cristina Plesa, Liana Ples, Alice Munteanu, Magdalena Diaconu, Alina Bisoc, Constantin Ciucurel, Elene Ioana Iconaru, **Alina Paunescu**, *Transthoracic Ecocardiographic Assessment of Severe Degenerative Aortic Stenosis with Normal Ejection Fraction and Low Transvalvular Gradient*, Revista de Chimie Bucuresti, 70(9): 3142-3147, 2019

13. Nicolae Paun, Ioan Tiberiu Nanea, Camelia Nicolae, Alice Munteanu, Florentina Cristina Pleșa, Magdalena Diaconu, Alina Bisoc, Monica Marilena Tantu, Elena Ioana Iconaru, **Alina Paunescu**, Constantin Ciucurel, *The Significance of Ventricular Interdependence in Patients with Right Ventricular Hypertrophy and Normal Left Ventricular Function*, Revista de Chimie. 70(10): 3689-3693, 2019

14. Elena Ioana Iconaru, Monica Marilena Tantu, Mariana Ionela Tudor, Manuela Mihaela Ciucurel, Luminita Georgescu, **Alina Paunescu**, Camelia Nicolae, Florentina Cristina Plesa, Carmen Adela Sirbu,

Magdalena Diaconu, Alina Bisoc, Constantin Ciucurel, *The effects of whole body vibration on body consumption and lipid profile in healthy young adults*, Revista de Chimie. 70(12): 4410-4413, 2019

15. Elena Ioana Iconaru, Monica Marilena Tantu, Mariana Ionela Tudor, Manuela Mihaela Ciucurel, Luminita Georgescu, **Alina Paunescu**, Camelia Nicolae, Cristina Plesa, Magdalena Diaconu, Alina Bisoc, Constantin Ciucurel, *The acute hemodynamic effects of caffeine during different body positions in normotensive young adults*, Revista de Chimie. 71(1): 133-139, 2019

16. Radu Claudiu Fierascu, Irina Fierascu, Eduard Marius Lungulescu, Nicoleta Nicula, Raluca Somoghi, Lia Mara Dițu, Camelia Ungureanu, Anca Nicoleta Sutan, Oana Alexandra Drăghiceanu, **Alina Paunescu**, Liliana Cristina Soare, *Phytosynthesis and radiation-assisted methods for obtaining metal nanoparticle*, Journal of Materials Science, p.1-18, 2020

17. Radu Claudiu Fierascu, Ioana Catalina Fierascu, Cristina Elena Dinu Pirvu, Irina Fierascu, **Alina Păunescu**, *The application of essential oils as a next-generation of "green" pesticides: recent developments and future perspectives*, Zeitschrift für Naturforschung C. A Journal of Biosciences 75(7-8): 183-204. DOI: <https://doi.org/10.1515/znc-2019-0160>, 2020

18. **Alina Paunescu**, Cristina Maria Ponopal, Cristina Liliana Soare, Cristina Florentina Plesa, Roxana Maria Nemes, Camelia Nicolae, Alina Bisoc, Magdalena Diaconu, Irina Fierascu, Radu Claudiu Fierascu, Monica Marilena Tantu, Magdalena Cristina Zagardan, *Evaluation of histophysiological alterations associated with ketoprofen administration in Albino NMRI mice*, Naunyn-Schmiedeberg's Archives of Pharmacology, 393 (6): 1033-1039 DOI <https://doi.org/10.1007/s00210-019-01806-z>, 2020

19. Radu Claudiu Fierascu, Irina Fierascu, Alina Ortan, **Alina Paunescu**, *Plantago media L.—Explored and Potential Applications of an Underutilized Plant*, Plants, 10(2), 265; <https://doi.org/10.3390/plants10020265>, 2021

20. **Alina Paunescu**, Cristina Maria Ponopal, Lucica Tofan, Gheorghita Brinzea, Monica Marilena Tantu, Cristina Florina Mihaescu, Oana Alexandra Draghiceanu, Dan Razvan Popoviciu, Marius Mirodon Fagaras, Daniela Vasile and Liliana Cristina Soare, *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>, 2022

21. **Alina Paunescu**, Liliana Cristina Soare, Irina Fierascu, Radu Claudiu Fierascu, Cristina Florina Mihaescu, Lucica Tofan, Cristina Maria Ponopal, *Ecotoxicological Studies on the Action of Actara 25 WG Insecticide on Prussian Carp (Carassius gibelio) and Marsh Frog (Pelophylax ridibundus)*, TOXICS, 10(3), 114, <https://doi.org/10.3390/toxics10030114>, 2023

23. Cristina Maria Ponopal, Liliana Cristina Soare, Oana-Alexandra Draghiceanu, Cristina Florina Mihaescu, Nicoleta Anca Sutan, Monica Marilena Tantu, **Alina Paunescu**, *Evaluation of the Morphological, Physiological and Biochemical Effects Induced by Coragen 20 SC in Some Non-Target Species*, Toxics 2023, 11, 618, ISSN 2305-6304, <https://doi.org/10.3390/toxics11070618>, 2023

24. Carmen Adella Sirbu, Ruxandra Georgescu, Florentina Cristina Plesa, **Alina Paunescu**, Monica Marilena Tantu, Alina Crenguta Nicolae, Ionut Caloianu, Marian Mitrica, *Cannabis and Cannabinoids in Multiple Sclerosis: from Experimental Models to Clinical Practice - A Review*, America Journal of Therapeutics 30(3), e220-e231, ISSN 1075-2765, 2023

25. Nicoleta Anca Sutan, **Alina Paunescu**, Carmen Topala, Codruta Dobrescu, Maria Cristina Ponopal, Diana Ionela Popescu (Stegarus), Liliana Cristina Soare, Radu Tamaian, *Aconitine in Synergistic, Additive and Antagonistic Approaches*, Toxins, 16, 460, DOI: <https://doi.org/10.3390/toxins16110460>, 2024

26. Pisculungeanu, SE, Soare, LC, Lutu, OA, **Paunescu, A**, Cîrstea, G, Negrea, AD, Dobrescu, CM, Ionescu (Sutan), NA, *Integrated Assessment of Silver Nanoparticles on Plant Growth and Cytogenotoxicity Using Triticum and Allium Bioassays*, JOURNAL OF XENOBIOTICS Volume 15, Issue 5, DOI:10.3390/jox150501472025

27. Tântu, AC, Ciurea, ME, Dumitrache, VM, **Paunescu, A**, Tântu, MM, Ciucurel, C, Iconaru, EI, Diaconescu, DC, Ionescu, G, Man, GM, Hontaru, SO, Dicu, C, Popescu, G, *Influence of the patient's demographic profile and tumor characteristics on reconstructive techniques in lip cancers*, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY Volume 66, Issue 1, 229-238, DOI:10.47162/RJME.66.1.21, 2025

28. **Dumitrache (Paunescu), A**, Ionescu (Sutan), NA, Tântu, MM, Ponopal, MC, Soare, LC, Tântu, AC, Atamanalp, M, Banita, IM, Pisoschi, CG, *Evaluating the Discriminative Performance of Noninvasive Biomarkers in Chronic Hepatitis B/C, Alcoholic Cirrhosis, and Nonalcoholic Cirrhosis: A Comparative Analysis*, DIAGNOSTICS Volume 15, Issue 13, DOI:10.3390/diagnostics15131575, 2025

### C3. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

1. Monica Bucă, M.C.Zagardan, M.E.Scarlat, **A.Păunescu**, M.C.Ponepal, Al.G.Marinescu, *INVESTIGATION ON THE HYPOGLYCEMIANT EFFECT OF SOME VEGETAL EXTRACTS IN EXPERIMENTAL INTOXICATIONS AT CD-1 MICE*, Current Trends in Natural Sciences, vol.5(10): 102-106, 2016
2. Madalina Elena Scarlat, Monica Bica, Magdalena Cristina Zagardan, **Alina Paunescu**, Cristina Maria Ponepal, Monica Popescu, Alexandru Gabriel Marinescu, *STUDY ON THE HEPATOPROTECTIVE EFFECT OF SILYBUM MARIANUM EXTRACT ON EXPERIMENTAL POISONING BY PARACETAMOL IN NMRI ALBINO MICE*, Current Trends in Natural Sciences, Vol.6, Issue 12, pp.253-258, 2017
3. GHEORGHITA BRINZEA, **ALINA PAUNESCU**, MARIA CRISTINA PONEPAL, *Soilearthworm relationship reflected in lumbricidae dynamics*, SCIENTIFIC STUDIES AND RESEARCHES SERIES BIOLOGY, 26(2):49-57, Alma Mater Bacau Publishing House, 2017
4. Monica Buca, Magdalena Cristina Zagardan, Madalina Elena Scarlat, Claudiu Alexandru Baci, Monica Popescu, **Alina Paunescu**, Cristina Maria Ponepal, Alexandru Gabriel Marinescu, *EVOLUTION OF THE HAEMATOLOGICAL INDICES AT CDI MICE WITH INDUCED DIABETES, TREATED WITH VEGETAL EXTRACTS OF ARONIA MELANOCARPA AND SILYBUM MARIANUM*, Current Trends in Natural Sciences, Vol.6, Issue 12, pp.184-189, 2017
5. Madalina Elena Scarlat, Monica Buca, Magdalena Cristina Zagardan, **Alina Paunescu**, Cristina Maria Ponepal, Monica Popescu, Alexandru Gabriel Marinescu, *STUDY ON THE HEPATOPROTECTIVE EFFECT OF PLANTAGO MAJOR EXTRACT ON EXPERIMENTAL POISONING BY DICLOFENAC IN NMRI ALBINO MICE*, Current Trends in Natural Sciences, Vol.6, Issue 12, pp.248-252, 2017
6. Maria Cristina Ponepal, Gheorghita Brinzea, **Alina Paunescu**, *CONTRIBUTIONS TO THE STUDY ON THE EFFECTS OF STOMP 330 EC HERBICIDE UPON THE MARSH FROG*, Current Trends in Natural Sciences Vol.6, Issue 12 pp. 238-247, 2017
7. Monica Buca, Magdalena Cristina Zagardan, Madalina Elena Scarlat, Monica Popescu, **Alina Paunescu**, Cristina Maria Ponepal, Alexandru Gabriel Marinescu, *Liver histopathology at mice with induced diabetes treated with vegetal extract of Sylibum marianum*, Current Trends in Natural Sciences Volume 7, Issue 13, pp.12-18, 2018
8. **Alina Paunescu**, Maria Cristina Ponepal, *Histopathological changes induced by several fungicides upon gall-bladder structure in Pelophylax ridibundus*, Current Trends in Natural Sciences, Vol7(14):93-100, 2018
9. Maria Cristina Ponepal, Gheorghita Brinzea, Marilena Monica Țanțu, Magdalena Diaconu, **Alina Păunescu Alina Păunescu**, *STUDY ON WATER TEMPERATURE EFFECT IN EXPERIMENTAL INTOXICATIONS WITH TALSTAR ONE INSECTICIDE ON PERCH*, Current Trends in Natural Sciences, 7(14), 276-282., 2018
10. Maria Cristina Ponepal, **Alina Paunescu**, *Research on the influence of temperature and water hardness on breathing in some fish species*, Current Trends in Natural Sciences, 8(16): 140-146 , 2019
11. XENIA ELENA BACINSCHI, RODICA MARICELA ANGHEL, MONICA IRINA STANUICA , INGA SAFTA , **ALINA PAUNESCU**, MONICA MARILENA TANTU , ALIS ILIE, SILVIA MIHAELA ILIE, *Is the Histopathological Subtype Important for Tumor Response to Irradiation in non-metastatic Esophageal Cancer?*, Revista de Chimie, 71(6): 205-211, <https://doi.org/10.37358/RC.20.6.8184>, 2020
12. Maria Cristina Ponepal, **Alina Păunescu**, *HAEMATOLOGICAL BIOMARKERS IN DIFFERENT EXPERIMENTAL INTOXICATIONS IN PERCH*, Current Trends in Natural Sciences, 9(18), 154-162, 2020
13. Maria Cristina Ponepal, Monica Marilena Tantu, Magdalena Diaconu, **Alina Paunescu**, *Lung histological changes in experimental intoxication with Reldan 40EC at Pelophylax ridibundus (PALLAS, 1771)*, Current Trends in Natural Sciences, Vol 10(20): 122-129, 2021
14. Cristina Mihaescu, Cristina Ponepal, Monica Marilena Tantu, Gheorghita Brinzea, Nicolae Brinzea, Liliana Cristina Soare, **Alina Paunescu**, *Aspects regarding the attack of some biodeteriogens on some cult objects from Arges county*, Current Trends in Natural Sciences, Vol 11(22): 172-177, 2022
15. Ponepal Maria Cristina, Brinzea Gheorghita, **Paunescu Alina**, *Evaluation of histophysiological alterations in respiratory process associate with FIPRONIL administration in european chub*, Studii si Cercetari - Universitatea "Vasile Alecsandri" din Bacau 31/2: 29-39, 2022

16. Oana Alexandra Lutu, Liliana Cristina Soare, Irina Fierascu, Radu-Claudiu Fierascu, Codruta Mihaela Dobrescu, **Alina Paunescu**, Cristina Maria Ponopal, Carmen Mihaela Topala, Loredana Elena Vijan, Ionica Deliu, Denis Negrea, Denisa Stefania Vilcoci, Georgia, *Phytotoxicity, cytogenotoxicity and antimicrobial potential of extracts with gold-silver bimetallic nanoparticles obtained from pteridophyte spores*, Caryologia. International Journal of Cytology, Cytosystematics and Cytogenetics 77(1): 65-82, 2024

**F. Granturi / proiecte de cercetare în perioada 2016 - 2025**

**F2. Granturi / proiecte câștigate prin competiție națională**

1. **PAUNESCU ALINA**, SOARE LILIANA CRISTINA, MAZARE ALIN GHEORGHITA, IONESCU LAURENTIU MIHAI, BIZON NICU, LITA IOAN, SERBAN GHEORGHE, OPROESCU MIHAI, ANGHELESCU PETRE, VISAN DANIEL ALEXANDRU, BELU NADIA, ANGHEL DANIEL CONSTANTIN, TOPALA CARMEN MIHAELA, SUTAN N, *PN-III-P1-1.2-PCCDI-2017-0332 "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticole cu valoare adăugată ridicată" – BIOHORTINOV /*, Cod: PN-III-P1-1.2-PCCDI-2017, beneficiar: UPIT, anul: 2018, domeniul științific: Bioeconomie, valoare: 1533000.00, 2018

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**Cadrul didactic PAUNESCU ALINA**  
**Semnătura**