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**FACULTATEA: FARMACIE**

Departamentul: **ȘTIINȚE FARMACEUTICE II**

## **L I S T A**

### **lucrărilor și activităților științifice**

#### **A. Teza de doctorat:**

Doctor în domeniul Farmacie cu teza „Studiul speciei *Holoschoenus vulgaris* Link. în vederea valorificării ei terapeutice”, data susținerii tezei 10 ianuarie 2011, conducător științific - Prof. univ. dr. Viorica Istudor, Universitatea de Medicină și Farmacie „Carol Davila” București, conform ordinului MECTS nr. 6468 din 07.12.2011 (diploma de doctor seria H, nr. 0011766).

#### **B. Cărți și capitole în cărți publicate:**

- 1. Antoanela Popescu**, Florentina Roncea, Georgeta Pavalache, Principii active și produse vegetale. Aplicații în cosmetologie, Editura Ex Ponto, Constanta, 178 p., 2015, ISBN: 978-606-598-414-1.
- 2. Laura Bucur**, Viorica Istudor, **Antoanela Popescu**, Farmacognozia specială, vol I, Editura Muntenia, Constanța, 2004, ISBN: 973-692-045-3.

#### **C. Lucrări indexate ISI/BDI:**

##### **Lucrări indexate ISI:**

- 1. Felicia Suciu**, Juliana Stoicescu, Elena Carmen Lupu, Adina Magdalena Musuc, Antoanela Popescu, Magdalena Mititelu, Adrian Cosmin Roșca, Denisa-Elena, Florin Ciprian Badea, Aureliana Caraiane, Victoria Badea, *HPLC Analysis of Polyphenolic Compounds in Lysimachia nummularia L. and Comparative Determination of Antioxidant Capacity*,

- APPLIED SCIENCES-BASEL 2023, 13(4), 2159; <https://doi.org/10.3390/app13042159> (autor principal – contribuție egală), IF 2021=2.838
2. Mihaela Mirela Bratu, Semaghiul Birghila, Mihai Cosmin Cenariu, Pall Eموke, Antoanela Popescu, Marius Daniel Radu, Lenuța Zglimbea, Antioxidant Activity, UV-screen, Cytotoxic and Antitumoral Activities of a Polyphenolic Extract of *Helichrysum arenarium* (L.) Moench Flowers, *Pol. J. Environ. Stud.* Vol. 32, No. 3 (2023), 1-9, 10.15244/pjoes/157546, IF=1,871 AIS=0,211.
  3. Violeta Popovici, Laura Bucur, Cerasela Elena Gird, **Antoanela Popescu**, Elena Matei, Georgeta Camelia Cozaru, Verginica Schroder, Emma Adriana Ozon, Ancuta Catalina Fita, Dumitru Lupuliasa, Mariana Aschie, Aureliana Caraiane, Mihaela Botnariuc, Victoria Badea, *Phenolic Secondary Metabolites and Antiradical and Antibacterial Activities of Different Extracts of Usnea barbata (L.) Weber ex F.H.Wigg from Calimani Mountains, Romania*, *Pharmaceuticals*, 2022, 15(7), 829, eISSN: 1424-8247. IF 2021=5,215, AIS 2021=0,896, <https://doi.org/10.3390/ph15070829> WOS:000832007100001 (autor principal – contribuție egală).
  4. **Popescu, A.**, Birghila, S., Radu, M. D., & Bratu, M. M. *Evaluation of the Polyphenol Content and Antioxidant Activity of Wine Macerates (Medicinal Wines) With Sage (Salvia Officinalis L. Lamiaceae) and Sea Rush (Juncus Martitimus Lam. Juncaceae) Obtained Using Traditional Technology*. *Polish Journal of Environmental Studie*, 2022 DOI: 10.15244/pjoes/145617, WOS:000837205200002, IF=1,871 AIS=0,211 (autor principal-prim autor).
  5. Stoicescu, I., Lupu, E. C., Radu, M. D., **Popescu, A.**, & Mihai, S. (2022). *High-Performance Liquid Chromatography–Diode Array Detection (HPLC-DAD) Method for the Determination of Phenolic Compounds of Water Chesnut (Trapa natans L.)*. *Analytical Letters*, 1-13, IF 2021=2.267, AIS 2021=0,23, DOI10.1080/00032719.2022.2048304, WOS:000773149800001.
  6. M.M. Bratu, S Birghila, **A Popescu**, BS Negreanu-Pirjol, M Radu, C Birghila, Influence of packaging material on polyphenol content and antioxidant activity in some commercial beers, 2021, *Processes* 9 (4), 620, IF 2021=3,352, AIS 2021=0,405, DOI: 10.3390/pr9040620, WOS:000643608500001.
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- polyphenolic extract of *Robinia pseudoacacia* L. flowers. *Journal of Science and Arts*, 21(2), 547-556. DOI: 10.46939/J.Sci.Arts-21.2-b04, WOS:000668566900020, IF=0,2.
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  9. Stanciu, G., Aonofriesei, F., Lupsor, S., **Popescu, A.**, & Sirbu, R., *Study of Phenolic Compounds and Antimicrobial Activity of Lavandula angustifolia* L. Flowers Macerates, *Revista de Chimie*, 70(5), 1800-1804, 2019, IF 2019=1,755 AIS 2019=0,064, ISSN: 0034-7752, WOS:000470086400059, <https://www.revistadechimie.ro/pdf/59%20STANCIU%20G%205%2019.pdf>
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  11. Stanciu, G., Lupsor, S., Aonofriesei, F., Calota, N., **Popescu, A.**, & Sirbu, R., *Quantitative Analysis of Polyphenols and Biological Activity of Sage Macerates*. *REVISTA DE CHIMIE*, 70(11), 3865-3871, 2019, ISSN: 0034-7752, IF 2019=1,755 AIS 2019=0,064, WOS:000503185300019, <https://revistadechimie.ro/pdf/19%20STANCIU%2011%2019.pdf>
  12. V. Popovici, L. Bucur, **A. Popescu**, A. Caraiane, V. Badea, *Determination of the content in usnic acid and polyphenols from the extracts of Usnea barbata* L. and the evaluation of their antioxidant activity, *Farmacia*, 66 (2), pp. 337-341, 2018, IF 2019= 1,55, AIS 2019=0,119 ISSN: 0014-8237, WOS:000431275100022, <http://www.revistafarmacia.ro/201802/art-21-Popovici Bucur Badea 337-341.pdf> (autor principal – contribuție egală).
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21. Florentina Roncea, Horatiu Miresan, Radu George Cazacincu, Rodica Sirbu, **Antonela Popescu**, Cristina Danaila, Valeriu Iancu, Cosmin Rosca, Co-processed Excipients Used in NSAIDs Orally Disintegrating Tablets Development, 1853, (*JEPE*), 14(4), 1853–1859, 2013, ISSN: 1311-5065, WOS:000336189800045, <http://www.jepe-journal.info/vol14-no4-2013>.
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2. S Lupu, A Petcu, **A Popescu**, EC Lupu, Manganese determination in coastal water, *Scientific Bulletin" Mircea cel Batran" Naval Academy*, 21 (2), 1-6, 2018, DOI:10.21279/1454-864X-18-I2-

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4. **Popescu, Antoanela**; Matei, Nicoleta; Roncea, Florentina; Miresan, Horatiu; Pavalache, Georgeta, Determination of caftaric acid in tincture and rose water obtained from Rosae damascenae flores, *Ovidius Annals of Chemistry*, Vol. 26 (1), pp. 12-19, 2015, ISSN: 1583-2430, WOS:000219336600003, <http://anale-chimie.univ-ovidius.ro/> (autor principal – primul autor).
5. Nicoleta MATEI, **Antoanela POPESCU**, Gabriel-Lucian RADU, Victoria ARTEMd and Georgeta PAVALACHE, Cadmium and lead occurrence in soil and grape from Murfatlar vineyard, *Ovidius University Annals of Chemistry*, Volume 26, Number 1, p. 37-44, 2015, ISSN: 1583-2430, DOI: 10.1515/auoc-2015-0007/ WOS:000219336600007, <http://anale-chimie.univ-ovidius.ro/>
6. **N. Matei**, **A. Popescu**, H. Miresan, G. Pavalache, Determination of Cu and Zn in samples of grape and soil from Murfatlar vineyard, *Journal of Science and Arts*, 2 (31), ISSN 1844-9581, 2015, ISSN: 1844-9581, WOS:000366426100008, [www.josa.ro](http://www.josa.ro)
7. Georgeta PAVALACHE, Nicoleta MATEI, **Antoanela POPESCU**, Determination of loratadine in pharmaceuticals by a spectrophotometric method, *Ovidius University Annals of Chemistry*, Volume 26, Number 1, p. 27-31, 2015, ISSN-1223-7221, eISSN: 2286-038Xdoi: 10.1515/auoc-2015-0005/ WOS:000219336600005, <http://anale-chimie.univ-ovidius.ro/> (autor principal – ultimul autor).
8. Georgeta PAVALACHE, Nicoleta MATEI, **Antoanela POPESCU**, Verginica SCHRODER, Applications of a DAD-HPLC method for determination of loratadine on biological samples, *Ovidius University Annals of Chemistry*, Volume 26, Number 1, p. 32-36, 2015, ISSN-1223-7221, doi: 10.1515/auoc-2015-0006/ WOS:000219336600006, <http://anale-chimie.univ-ovidius.ro/>
9. Horatiu MIRESAN, Cosmin ROSCA, Nicoleta MATEI, Florentina RONCEA, Radu CAZACINCU, Irina IANCU, Emil STEFANESCU, Daniel ENACHE, Mihaela BRATU, **Antoanela POPESCU**, „Simultaneous quantification of four benzodiazepines from whole



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- 10.** Florentina RONCEA, Horatiu MIRESAN, Adrian Cosmin ROSCA, Mihaela BRATU and **Antoanela POPESCU**, In *vivo* quercetol effect in lead acetate poisoning, Analele Universității Ovidius, Seria Chimie, Volume 24, Number 2, pp. 73-78, 2013, ISSN: 1223-7221, <http://www.univ-ovidius.ro/anale-chimie> (autor principal – ultimul autor).
- 11.** Florentina RONCEA, Radu CAZACINCU, Horatiu MIRESAN, Adrian Cosmin ROSCA, Mihaela BRATU, **Antoanela POPESCU**, Sambucus nigra (L.) liophylised extract as source of direct compression tablets obtaining, Analele Universității Ovidius, Seria Chimie, B +, Volume 24, Number 2, pp. 73-78, ISSN: 1223-7221, 2013, <http://www.univ-ovidius.ro/anale-chimie> (autor principal – ultimul autor).
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- 13.** **Antoanela POPESCU**, Ticuta NEGREANU – PÎRJOL, Cosmin ROSCA, Mariana ARCUS, Laura BUCUR and Viorica ISTUDOR, HPLC analysis of polyphenols and antioxidant capacity determination of Scirpus holoschoenus L. rhizome, Ovidius University Annals of Chemistry, Volume 22, Number 1, pp 62-66, 2011, ISSN: 1223-7221, <http://www.univ-ovidius.ro/anale-chimie> (autor principal – primul autor).
- 14.** G. Pavalache, V. Dorneanu, **A. Popescu**, Validation and Optimization of UV Molecular Absorption Spectrometric Method for Loratadine, Analele Universității Ovidius, Seria Chimie, Volume 21, Number 1, pp. 83-86, 2010, ISSN-1223-7221, <http://www.univ-ovidius.ro/anale-chimie> (autor principal – ultimul autor).
- 15.** G. Pavalache, V. Dorneanu, **A. Popescu**, Determination of Loratadine By UV Molecular Absorption Spectrometry, Analele Universității Ovidius, Seria Chimie, 2010, Volume 21, Number 2, 157-162, 2010, ISSN-1223-7221, <http://www.univ-ovidius.ro/anale-chimie> (autor principal – ultimul autor).
- 16.** PAVALACHE, G., Dorneanu, V., & POPESCU, A., Dezvoltarea unei metode analitice bazată pe cromatografia de lichide de înaltă performanță pentru determinarea loratadinei,

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### Lucrări indexate ISI PROCEEDINGS

1. Suci Felicia, Roșca Adrian Cosmin, Lupu Carmen, **Popescu Antoanela**, Badea Victoria, DETERMINATION OF POLYPHENOLIC COMPOUNDS OF LYSIMACHIA NUMMULARIA L. GEOLINKS International Conference, Conference Proceedings, ISSN 2603-5472, ISBN 978-619-7495-17-1, Book 1; 83-90 pp., DOI paper 10.32008/GEOLINKS2021/B1/V3/08; 17-18 May, 2021 <https://www.geolinks.info/geolinks-library>.
2. **Popescu Antoanela**, Suci Felicia, Lupu Carmen, Stoicescu Iuliana, Roșca Adrian Cosmin, PHARMACOGNOSTIC ANALYSIS AND ANALYSIS OF THE PHENOLIC COMPOUNDS OF THE AERIAL PARTS OF THE SPECIES CERASTIUM BULGARICUM UECHTR. SIN. CERASTIUM GRACILE DUFOUR, GEOLINKS International Conference, Conference Proceedings, ISSN 2603-5472, ISBN 978-619-7495-17-1, Book 1; 141-148 pp., DOI paper 10.32008/GEOLINKS2021/B1/V3/15; 17-18 May, 2021 <https://www.geolinks.info/geolinks-library> (autor principal – primul autor).
3. Suci Felicia, Arcuș Mariana, Roșca Adrian Cosmin, Bucur Laura, **Popescu Antoanela**, Badea Victoria STUDIES ON THE MORPHO-ANATOMICAL PARTICULARITIES OF LYSIMACHIA NUMMULARIA L. GEOLINKS International Conference, Conference Proceedings, Book 1, ISSN 2603-5472, ISBN 978-619-7495-17-1, Book 1; 225-232 pp., DOI paper 10.32008/GEOLINKS2021/B1/V3/25; 17-18 May, 2021 <https://www.geolinks.info/geolinks-library>
4. Suci Felicia, Arcuș Mariana, Roșca Adrian Cosmin, Bucur Laura, **Popescu Antoanela**, Badea Victoria RESEARCH ON THE BOTANICAL AND PHARMACOGNOSTIC PARTICULARITIES OF THE INDIGENOUS SPECIES LYSIMACHIA NUMMULARIA L. GEOLINKS International Conference, Conference Proceedings, Book 1, ISSN 2603-5472, ISBN 978-619-7495-17-1, Book 1; 185-193 pp., DOI paper 10.32008/GEOLINKS2021/B1/V3/20; 17-18 May, 2021 <https://www.geolinks.info/geolinks-library>
5. Sebastian Mihai, **Antoanela Popescu**, Ana Madalina Raducanu, Marius Daniel Radu, Victoria Badea, Phenolic profile and antioxidant activity of a *Semervirum rutenicum*



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6. Popovici Violeta, Bucur Laura, **Popescu Antoanela**, Caraiane Aureliana, Badea Victoria, Evaluation of the Antibacterial Action of the *Usnea Barbata* L. Extracts, on Streptococcus Species from the Oro-Dental Cavity, The Romanian National Congress of Pharmacy, 17th edition: 21st century pharmacy - between intelligent specialization and social responsibility, 26th-29th September Bucharest, Romania, **ISI PROCEEDINGS, vol. I, 183-186**, 2018, ISBN:978-88-85813-28-1, WOS:000471845800006.
  7. Popovici Violeta, Bucur Laura, **Popescu Antoanela**, Caraiane Aureliana, Badea Victoria, Comparative study regarding antibacterial action of the *Usnea barbata* L. extracts on gram-positive and gram-negative bacteria from the oro-dental cavity, NORDSCI Conference on Social Sciences, 17-19.07.2018, Helsinki, **CONFERENCE PROCEEDINGS, Book 1, vol. 1, 463-470, ISBN 2608-4107, ISSN 978-619-7493-00-3**.
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### **G. Granturi, contracte de cercetare științifică:**

1. Valorificarea complexa a bioresurselor din zona Marii Negre prin dezvoltarea si aplicarea unor biotehnologii inovatoare si emergente, Acronim INOBIMAR", pentru perioada 2018 - 2020, castigat in cadrul Competitiei PNIII Program 1, Subprogram 1.2, tip de proiect: Proiecte Complexe realizate in Consortii CDI, Domeniul prioritar D7: Tehnologii noi si emergente.- membru proiect.
2. Grant, Proiect de cercetare nr. 1/2015, Determinarea resveratrolului și altor polifenoli din suplimente alimentare și preparate cosmetice, din portofoliul Phenalex, 20.05.2015 - 20.10.2015, 500 RON, responsabil proiect.
3. Denumirea proiectului: OPTIMIZAREA SI VALIDAREA UNOR METODE DE EVALUARE A IMPURITATILOR UNOR PRODUSE FARMACEUTICE SOLIDE CE CONTIN INHIBITORI AI ENZIMEI DE CONVERSIE, DIN PORTOFOLIUL TERAPIA-RANBAXY, 2011, 500 RON, membru.
4. Grant/proiect național –VIASAN 321/12.10. 2004 (2004-2006), VIASAN, Obținerea și caracterizarea unui produs nou pe bază de polifenoli, zinc și colagen cu acțiune de stimulare a regenerării mucoasei bucale, 90/2005 225/2006 Coordonator Universitatea „Ovidius” Constanța, (70000 ron lei), membru proiect.
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## H. Brevete obținute în ultimii 10 ani

1. Popovici Violeta, Bucur Laura Adriana, Schroder Verginica, **Popescu Antoanela**, Costache Teodor, Vochita Gabriela, Gherghel Daniela, Cosmin Teodor Mihai, Caraiane Aureliana, Badea Victoria –”Procedeu de obținere, analiza UHPLC și evaluarea activităților biologice ale extractului acetonice uscat din *Usnea barbata* (L.) F. H. Wigg.” – Cerere de brevet de invenție OSIM nr. A/00874/06.12.2019.

16.03.2023

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