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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 Suci**, Iuliana Stoicescu, Elena Carmen Lupu, **Antoanela Popescu**, Adrian Cosmin Roșca, Florentina Nicoleta Roncea, Denisa-Elena Dumitrescu, Victoria Badea, Florin Ciprian Badea, Antibacterial Activity of *Lysimachia nummularia* L. in Oro-Dental Diseases, Appl. Sci. 2023, 13(11), 6830; <https://doi.org/10.3390/app13116830>, IF 2021=2.838, <https://www.mdpi.com/2076-3417/13/11/6830>, (autor principal – corespondent).

2. Felicia Suciuc, Iuliana 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
3. 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.
4. 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).
5. **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).
6. 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.
7. 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

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<https://search.proquest.com/openview/9ff61d5d81028cbe18608a4ecbbe30cd/1?pq-origsite=gscholar&cbl=2036237> (autor principal – ultimul autor).
  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-

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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 blood by highperformance liquid chromatography in forensic toxicological analysis”, Ovidius University Annals of Chemistry, 25, 1, 24-27, 2014, Versita doi: 10.2478/auoc-2014-0004, ISSN (Online) 1223-7221, <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).



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1. Suciu 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**, Suciu 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. Suciu 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. Suciu 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* Koch., ethanolic extract, NORDSCI CONFERENCE ON SOCIAL SCIENCES, 17 - 19 JULY 2018 MEETING PARK FORUM, HELSINKI, FINLAND, Romania, p. 485-490.
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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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9. Popovici Violeta, Bucur Laura, **Popescu Antoanela**, Badea Victoria, Preliminary study regarding *Usnea barbata* L., from Romania, SGEM 2017, 4<sup>th</sup> International Multidisciplinary Scientific Conferences on Social Sciences&Arts, 24-30 August 2017, Albena, Bulgaria, **ISI PROCEEDINGS, vol. III, 509-515**, **ISBN:978-619-7105-71-1**, WOS:000395722300128, <http://www.sgem.org>.
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### **G. Granturi, contracte de cercetare științifică:**

1. Valorificarea complexa a bioresurselor din zona Marii Negre prin dezvoltarea și aplicarea unor biotehnologii inovatoare și 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 și 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.
5. BIOTECH, 69/2001, 2001-2004, Procedee biotehnologice de valorificare a unor resurse marine în scopuri medicale și industriale, Coordonator INCDM, “Grigore Antipa”, Partener Universitatea ”Ovidius” Constanța (12500 RON) Constanța, membru proiect.
6. BIOTECH, 4609/12.10. 2004, (2004-2006) Elaborarea tehnologiilor pilot pentru realizarea unor produse cu aplicații medicale și farmaceutice prin procedee biotehnologice din organisme marine (120. 000 lei), 55/2005, Coordonator INCDM, “Grigore Antipa”, Partener Universitatea ”Ovidius” Constanța, membru proiect.
7. BIOTECH 4608/12.10.2004 (2004-2006), Biotehnologii pentru obținerea de produse dermato-cosmetice pe bază de complex peptido-proteic din resurse marine neutilizabile în circuitul alimentar, 40/2005 60/2006, Coordonator INCDM (135.000.000) „Grigore Antipa” Constanța, Partener Universitatea ”Ovidius” Constanța, membru proiect.

## **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.

**16.06.2023**

**Conf. univ. dr. Antoanela Popescu**