

Universitatea „Dunărea de Jos” din Galați
Facultatea de Științe și Mediu
Departamentul de Chimie, Fizică și Mediu
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LISTA COMPLETĂ A LUCRĂRILOR ELABORATE ȘI/SAU PUBLICATE

A. Teza de doctorat

Botezatu (Dediu) Andreea Veronica, 2023, *Obținerea și caracterizarea unor compuși heteroaromatici cu proprietăți bioactive utilizând metode clasice sau aparținând chimiei verzi*, Universitatea „Dunărea de Jos” din Galați.

Conducător de doctorat: Prof. univ. dr. chim. habil. Rodica-Mihaela DINICĂ, Universitatea „Dunărea de Jos” din Galați.

B. Cărți și capitole în cărți

[B2] Coautor

1. Bianca Furdui, Andreea V. Dediu (Botezatu), Rodica M. Dinica, Copper Catalysis in Organic Synthesis, editat de Gopinathan Anilkumar, Salim Saranya; Capitolul 2, Cu-Catalyst in Reactions Involving Pyridinium and Indolizinium Moieties; (pg 7-22); John Wiley & Sons, 2020; ISBN 3527347372
2. Tănase, LA. , O.-V. Nistor, D.-G. Andronoiu, D.-G. Mocanu, S. Ciortan, E. Ioniță, A. V. Botezatu Dediu, E. Botez & B. I. Ștefănescu (2022). Galactogogue Herbs: Antioxidant Activity and Bioactive Compounds' Content Determined from Aqueous Extracts. In: , et al. 10th Central European Congress on Food. CE-Food 2020. Springer, Cham. https://doi.org/10.1007/978-3-031-04797-8_12, Online ISBN 978-3-031-04797-8, Chapter length: 18 pages

C. Lucrări indexate ISI/BDI

[C1] Articole/studii publicate în reviste de circulație internațională, ISI

1. **Botezatu Dediu, A.V.**; Bahrim, G.E.; Ungureanu, C.V.; Busuioc, A.C.; Furdui, B.; Dinica, R.M. Green “one-Pot” Fluorescent Bis-Indolizine Synthesis with Whole-Cell Plant Biocatalysis. Green Process. Synth. 2023, 12, <https://doi.org/10.1515/gps-2023-0046>, FI = 4,3.
2. **Dediu Botezatu, A.V.**; Apetrei, R.-M.; Costea (Nour), I.F.; Barbu, V.; Grigore-Gurgu, L.; Botez, F.; Dinica, R.M.; Furdui, B.; Cârâc, G. Synthesis and Characterization of Novel Chitosan Derivatives (Containing Dipyrindinium Quaternary Salts) with Antimicrobial Potential. Carbohydr. Res. 2023, 108964, doi: <https://doi.org/10.1016/j.carres.2023.108964>, FI = 3,1.
3. Baussanne, I.; Firstova, O.; **Dediu Botezatu, A.**; Larosa, C.; Furdui, B.; Ghinea, I.O.; Thomas, A.; Chierici, S.; Dinica, R.; Demeunynck, M. Interest of Novel N-Alkylpyridinium-Indolizine Hybrids in the Field of Alzheimer’s Disease: Synthesis, Characterization and Evaluation of Antioxidant Activity, Cholinesterase Inhibition, and Amyloid Fibrillation Interference. Bioorg. Chem. 2021, 116, 105390, <https://doi.org/10.1016/j.bioorg.2021.105390>, FI = 5,3.
4. **Botezatu (Dediu), A.V.**; Horincar, G.; Ghinea, I.O.; Furdui, B.; Bahrim, G.-E.; Barbu, V.; Balanescu, F.; Favier, L.; Dinica, R.-M. Whole-Cells of *Yarrowia lipolytica* Applied in “One Pot” Indolizine Biosynthesis, Catalysts 2020, 10, 629. <https://doi.org/10.3390/catal10060629>, FI = 4,1.
5. Tăbăcaru, A.; **Botezatu Dediu, A.V.**; Dinică, R.M.; Cârâc, G.; Basliu, V.; Paula Cabral Campello, M.; Silva, F.; Pinto; C.I.G., Guerreiro, J.F., Martins, M., Mendes, F., Marques, F. (2020) Biological properties of a new mixed lanthanide(III) complex incorporating a dypiridinium ylide, Inorganica Chim. Acta, 506 (Iii), 119517. <https://doi.org/10.1016/j.ica.2020.119517>, FI = 2,8.

6. Tăbăcaru, A.; **Dediu Botezatu, A.V.**; Horincar, G.; Furdui, B.; Dinică, R.M. Green Accelerated Synthesis, Antimicrobial Activity and Seed Germination Test of Quaternary Ammonium Salts of 1,2-bis(4-pyridyl)ethane, *Molecules* 2019, 24, 2424.
<https://doi.org/10.3390/molecules24132424>, FI = 4,6
7. Carac, A.; Boscencu, R.; **Dediu, A.V.**; Bungau, S.G.; Dinica, R.M. Solvent Effects on the Spectral and Electrochemical Properties of Some Pyridinium Quaternary Compounds. *Rev. Chim.* 2017, 68, <https://doi.org/10.37358/RC.17.7.5688>, FI = 1,7.
8. El Moujahed, S.; Dinica, R.M.; Abou Oualid, H.; Cudalbeanu, M.; **Botezatu-Dediu, A.V.**; Cazanevscaia Busuioc, A.; Ouazzani Chahdi, F.; Kandri Rodi, Y.; Errachidi, F. „Sustainable Biomass as Green and Efficient Crosslinkers of Collagen: Case of by-Products from Six Pomegranate Varieties with Global Commercial Interest in Morocco”. *J. Environ. Manage.* 2023, 335, 117613, doi:10.1016/j.jenvman.2023.117613, FI = 8,7.
9. Souleymane, H.D.; Djibo, A.K.; Seyni, S.H.; Zakaria, O.; **Botezatu, A.V.**; Dinica, R.M.; Ibrahim Maman Laouali, A.; Kouakou, N.D.V. Phytochemical Characterization and In Vitro Evaluation of the Anti-Sickle Cell Activity of Aqueous and Ethanolic Extracts of Two Medicinal Plants from Niger: *Flueggea virosa* (Roxb. ex Willd.) Royle and *Kigelia africana* (Lam.) Benth. *Plants* 2023, 12, 3522. <https://doi.org/10.3390/plants12203522>, FI=4,5.
10. Busuioc, A.C.; Costea, G.V.; **Botezatu, A.V.D.**; Furdui, B.; Dinica, R.M. „Cucumis Metuliferus L. Fruits Extract with Antioxidant, Anti-Inflammatory, and Antidiabetic Properties as Source of Ursolic Acid”. *Separations* 2023, 10, doi:10.3390/separations10050274, FI = 3,34.
11. Bălănescu, F.; **Botezatu, A.V.**; Marques, F.; Busuioc, A.; Marincaș, O.; Vîntătoru, C.; Cârâc, G.; Furdui, B.; Dinica, R.M.; „Bridging the Chemical Profile and Biological Activities of a New Variety of *Agastache foeniculum* (Pursh) Kuntze Extracts and Essential Oil”. *Int. J. Mol. Sci.* 2023, 24, 828, doi:10.3390/ijms24010828, FI = 6,2.
12. Zongo, E.; Busuioc, A.; Meda, R.N.-T.; **Botezatu, A.V.**; Mihaila, M.D.; Mocanu, A.-M.; Avramescu, S.M.; Koama, B.K.; Kam, S.E.; Belem, H.; „Exploration of the Antioxidant and Anti-Inflammatory Potential of *Cassia sieberiana* DC and *Piliostigma thonningii* (Schumach.) Milne-Redh, Traditionally Used in the Treatment of Hepatitis in the Hauts-Bassins Region of Burkina Faso”. *Pharmaceuticals* 2023, 16, 133, doi:10.3390/ph16010133, FI = 5,2.
13. Tamfu, A.N.; Dogac, Y.I.; Ceylan, O.; **Dediu Botezatu, A.**; Bozkurt, S.; Dinica, R.M. Antibiofilm and Anti-Quorum Sensing Potential of Safely-Synthesized Hydrated Zirconium Oxide-Coated Alginate Beads against Some Pathogenic Bacteria. *J. Chem.* 2023, 2023, doi:10.1155/2023/9924845., FI = 3.
14. Lanciu Dorofte, A.; Dima, C.; Ceoromila, A.; **Botezatu, A.**; Dinica, R.; Bleoanca, I.; Borda, D. „Controlled Release of β -CD-Encapsulated Thyme Essential Oil from Whey Protein Edible Packaging”. *Coatings* 2023, 13, 1–18, doi:10.3390/coatings13030508, FI = 3,4.
15. Musat, V.; Crintea (Capatana), L.; Anghel, E.-M.; Stanica, N.; Atkinson, I.; Culita, D.C.; Baroiu, L.; Tigau, N.; Ceoromila, A.C.; **Botezatu (Dediu), A.-V.**; et al., „Ag-Decorated Iron Oxides-Silica Magnetic Nanocomposites with Antimicrobial and Photocatalytic Activity”. *Nanomaterials* 2022, 12, doi:10.3390/nano12244452, FI = 5,71.
16. Nechita, P.; Roman, M.; Cantaragiu Ceoromila, A.; **Botezatu, A.V.** „Improving Barrier Properties of Xylan-Coated Food Packaging Papers with Alkyl Ketene Dimer”. *Sustainability* 2022, 14, doi:10.3390/su142316255, FI = 3,88.
17. Silihe, K.K.; Zingue, S.; Sipping, M.T.K.; Cazanevscaia, A.B.; **Botezatu, A.V.D.**; Njamen, D.; Dinica, R.M. „The Antioxidant Potential of *Ficus umbellata* Vahl (Moraceae) That Accelerates In Vitro and the In Vivo Anti-Inflammatory Protective Effects”. *Appl. Sci.* 2022, 12, doi:10.3390/app12189070, FI = 2,83.

18. Rusu, L.; Grigoras, C.-G.; Simion, A.-I.; Suceveanu, E.-M.; **Botezatu, A.V.D.**; Harja, M. „Biosorptive Removal of Ethacridine Lactate from Aqueous Solutions by Saccharomyces Pastorianus Residual Biomass/Calcium Alginate Composite Beads: Fixed-Bed Column Study”. *Materials (Basel)*. 2022, 15, doi:10.3390/ma15134657, FI = 3,74.
19. Tanase (Butnariu), L.-A.; Nistor, O.-V.; Andronoiu, D.-G.; Mocanu, G.-D.; **Botezatu Dedi, A.V.**; Botez, E. „Different Types of Meatballs Enriched with Wild Thyme/Lemon Balm Aqueous Extract-Complex Characterization”. *Molecules* 2022, 27, doi:10.3390/molecules27123920, FI = 4,92.
20. Balanescu, F.; Busuioc, A.C.; **Botezatu, A.V.D.**; Gosav, S.; Avramescu, S.M.; Furdui, B.; Dinica, R.M. „Comparative Study of Natural Antioxidants from Glycine Max, Anethum Graveolens and Pimpinella Anisum Seed and Sprout Extracts Obtained by Ultrasound-Assisted Extraction”. *Separations* 2022, 9, 152, doi:10.3390/separations9060152, FI = 3,34.
21. Ngenge Tamfu, A.; Roland, N.; Munvera Mfifen, A.; Kucukaydin, S.; Gaye, M.; **Botezatu, A.V.**; Emin Duru, M.; Mihaela Dinica, R. „Phenolic Composition, Antioxidant and Enzyme Inhibitory Activities of Parkia Biglobosa (Jacq.) Benth., Tithonia Diversifolia (Hemsl) A. Gray, and Crossopteryx Febrifuga (Afzel.) Benth”. *Arab. J. Chem.* 2022, 15, 103675, doi:10.1016/j.arabjc.2021.103675, FI = 6,21.
22. El Moujahed, S.; Errachidi, F.; Abou Oualid, H.; **Botezatu-Dedi, A.V.**; Ouazzani Chahdi, F.; Kandri Rodi, Y.; Dinica, R.M. „Extraction of Insoluble Fibrous Collagen for Characterization and Crosslinking with Phenolic Compounds from Pomegranate Byproducts for Leather Tanning Applications”. *RSC Adv.* 2022, 12, 4175–4186, doi:10.1039/d1ra08059h, FI = 4,03.
23. Ngenge Tamfu, A.; Mfifen Munvera, A.; **Dedi Botezatu, A.V.**; Talla, E.; Ceylan, O.; Tagatsing Fotsing, M.; Tanyi Mbafor, J.; Shaheen, F.; Mihaela Dinica, R. „Synthesis of Benzoyl Esters of β -Amyrin and Lupeol and Evaluation of Their Antibiofilm and Antidiabetic Activities”. *Results Chem.* 2022, 4, 100322, doi:10.1016/j.rechem.2022.100322, FI = 2,3.
24. Dinica, R.M.; Sandu, C.; **Dedi Botezatu, A.V.**; Busuioc, A.C.; Balanescu, F.; Mihaila, M.D.I.; Dumitru, C.N.; Furdui, B.; Iancu, A.V. „Allantoin from Valuable Romanian Animal and Plant Sources with Promising Anti-Inflammatory Activity as a Nutricosmetic Ingredient”. *Sustainability* 2021, 13, 10170, doi:10.3390/su131810170, FI = 3,25.
25. Rusu, L.; Grigoraș, C.G.; Suceveanu, E.M.; Simion, A.I.; **Botezatu, A.V.D.**; Istrate, B.; Doroftei, I. „Eco-Friendly Biosorbents Based on Microbial Biomass and Natural Polymers: Synthesis, Characterization and Application for the Removal of Drugs and Dyes from Aqueous Solutions”. *Materials (Basel)*. 2021, 14, doi:10.3390/ma14174810, FI = 3,74.
26. Busuioc, A.C.; **Botezatu, A.V.D.**; Furdui, B.; Vinatoru, C.; Maggi, F.; Caprioli, G.; Dinica, R.M. „Comparative Study of the Chemical Compositions and Antioxidant Activities of Fresh Juices from Romanian Cucurbitaceae Varieties”. *Molecules* 2020, 25, doi:10.3390/molecules25225468, FI = 4,41.

[C2] *Articole publicate in reviste indexate in baze de date internationale BDI/ISI proceedings:*

1. Koffi Y, Cotârlet M, **Botezatu A-V**, Pihurov M, Alloue-Boraud M, Dinică R, Bahrim G-E. Statistical approach to assess the palm oil mill effluents biotreatment with *Yarrowia Lipolytica*. *Innovative Romanian Food Biotechnology*. 2023;(24):1-7.

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2. Koudoro Yaya Alain, Awadji Jospin Morand, **Botezatu Dedi Andreea**, Olaye Théophile, Agbangnan Dossa Cokou Pascal, Alitonou Guy Alain, Avlessi Félicien, Dinica Rodica Mihaela and Sohounhloue Codjo Koko Dominique, Phytochemical analysis, antioxidant and anti-inflammatory activities of *Chassalia kolly* leaves extract, a plant used in Benin to treat skin illness. *GSC Biological and Pharmaceutical Sciences*, 2021, 15(03), 063–072. doi.org/10.30574/GSCBPS.2021.15.3.0148

3. I F Costea (Nour), R G Melinte, S N Noaptes, M Cudălbeanu, A V Dedi (Botezatu), R M Dinică, G

- Cârâc, Factors of influence for functionalised of chitosan with n-heterocyclic salt in aqueous medium, *J. Phys.: Conf. Ser.* 1960, 012001, **2021**, DOI 10.1088/1742-6596/1960/1/012001
4. Ghinea Ioana Otilia, **Dediu Andreea Veronica**, Ungureanu Claudia, Furdui Bianca, Bahrim Gabriela, Dinica Rodica Mihaela, Measuring the cytotoxicity of bioactive N-heterocyclic compounds obtained via enzymatic catalysis, *Journal of Biotechnology*, 208, S28-+, 2015, DOI: 10.1016/j.jbiotec.2015.06.076,
<http://www.sciencedirect.com/science/article/pii/S0168165615003223>
5. Horincar Georgiana; Ghinea Ioana Otilia, Furdui Bianca, **Dediu Andreea Veronica**, Bahrim Gabriela, Dinica Rodica Mihaela, Evaluation of the biologic activity of some quaternary ammonium salts against non-pathogenic and pathogenic microorganisms, *Journal of Biotechnology*, 208, S104-S104, 2015, DOI: 10.1016/j.jbiotec.2015.06.326,
<http://www.sciencedirect.com/science/article/pii/S0168165615005726>

Participare cu comunicări la conferințe internaționale și naționale în domeniu

1. Alexandra-Mariana Ionescu, **Andreea-Veronica Botezatu**, Bianca Furdui, Alina Viorica Iancu, Camelia Bratu, Costel Vinatoru, Rodica-Mihaela, Sideritis spp.-Chemical Evaluation and Biological Potential, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
2. Maria-Daniela Ionică (Mihăilă), Raluca Răileanu, **Andreea Veronica Botezatu**, Alexandra Ionescu, Bianca Furdui, Rodica Mihaela Dinică, Investigation of the Chemical Composition of Iris Pseudacorus from the Danube Delta Biosphere and Cytotoxicity Evaluation, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
3. Ana-Maria Mocanu, **Andreea Veronica Botezatu-Dediu**, Bianca Furdui, Sorin Marius Avramescu, Camelia Bratu, Costel Vanatoru, Mihaela Dragoi-Cudalbeanu, Rodica Mihaela Dinică, Comparative Study of Different Methods for Measuring Antioxidant Activity in Perilla frutescens Extracts Obtained Using Deep Eutectic Solvents, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
4. Davy Moussango, Ebong Priscil, Tanner Wortham, **Andreea Veronica Botezatu**, Maria Ionica Mihaila, Tchameni Séverin, Sameza Modeste, Rodica Mihaela Dinica, Chemical Composition and Antifungal Potential of Cymbopogon citratus Essential Oil Nanoemulsion Against Aspergillus sp Responsible for Bean Rot, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
5. Mampionona Michela Rasoanirina, Andrianambinina Razakarivony, Dimby Andrianina Ralambomanana, **Andreea Veronica Botezatu**, Maria Ionica Mihaila, Rivoarison Randrianasolo, Rodica Mihaela Dinica, In-depth Studies on Antioxidant Activities of Extracts from Vaccinium Secundiflorum (Ericaceae), Rich in Polyphenols and Flavonoids, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
6. Marius Vasile Bardan, Alexandra-Mariana Ionescu, Bianca Cezara Stefan, **Andreea Veronica Botezatu**, Bianca Furdui, Anna Busuioc, Camelia Bratu, Costel Vinătoru, Rodica-Mihaela Dinică, Ultrasound-Assisted Extraction to Isolate Target Compounds from Artemisia Species, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
7. Durand Dah-Nouvlessounon, Michaëlle Chokki, **Andreea-Veronica Botezatu**, Maria Ionica Mihaila, Martial Nounagnon, Baba-Moussa Farid, Ramona Suharoschi, Lamine Baba-Moussa, Rodica Mihaela Dinica, Jatropha multifida L. Used in Benin Pharmacopoeia as an Antioxidant, Anti-Inflammatory and Antimicrobial Agent, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-

- UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
8. Fatima Zahra Sadiki, Corina Neagu, Geta Carac, **Andreea Veronica Dediu Botezatu**, Bene Kouadio, Mohammed Sbiti, Mostafa El Idrissi, Ali Amechrouq, Rodica Mihaela Dinica, Valorization of the Essential Oil of *Tetraclinis articulata* (Vahl) Masters as Antioxidant and Antibacterial Agents, and their Incorporation into Gummy Candies, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
 9. B.D.M. Gallo Mongo, B.F. Mavouba, G.S.A. Amboyi, B. Mbougou-bouesse, S. Ngouomo, TsibaGouollaly, Maria Ionica Mihaila, **Andreea Veronica Botezatu**, T. Andzi Barhé, Rodica Mihaela Dinica, Biomolecules as a Drug Candidate for the Solution to the Problems Caused by Microorganisms, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
 10. Koudoro Yaya Alain, Daye Efloric Raphaël, **Botezatu Andreea Veronica**, Olaye Théophile, Anna Busuioc, Agbangnan Dossa Cokou Pascal, Avlessi Félicien, Sohounhloúé C. K Dominique, Maria Ionica Mihaila, Dinica Rodica Mihaela, Formulation of Antiseptic Soap Based on a Hydroethanolic Extract of *Pteleopsis suberosa* leaves, a Plant Used In Benin to Treat Skin Infections, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
 11. Mariam Traore, Adjaratou Coulibaly, Esther W. L. M. B. Kabre, Martin Kiendrebeogo, Richard W. Sawadogo, **Andreea Veronica Botezatu**, Maria Ionica Mihaila, Rodica Mihaela Dinica, Phytochemistry and Analgesic Activities of The Methanolic Extract of the Trunk Bark of *Daniellia oliveri* (Fabaceae-Caesalpinoideae), a Plant Used in Traditional Medicine in West Africa, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
 12. Eliasse Zongo, Roland Nâg-Tiero Meda, Sami Eric Kam, Benjamin Kouliga Koama, Anna Busuioc, **Andreea Veronica Botezatu**, Maria Daniela Mihaila, Hermann Yempabou Ouoba, Georges Anicet Ouedraogo, Rodica Mihaela Dinica, Ethnobotanical Study of Medicinal Plants Used for Viral Hepatitis Treatment in Hauts-Bassins Areas of Burkina Faso, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
 13. Eliasse Zongo, Roland Nâg-Tiero Meda, Anna Busuioc, **Andreea Veronica Botezatu**, Maria Daniela Mihaila, Franck Le Sage Somda, Georges Anicet Ouedraogo, Rodica Mihaela Dinica, Antioxidant and Anti-Inflammatory Capacity of *Terminalia avicennioides* Used in the Traditional Treatment of Hepatitis in the Hauts-Bassins Region of Burkina Faso, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
 14. Alexandra-Mariana Ionescu, Silvia Teodosiade, **Andreea-Veronica Botezatu**, Bianca Furdui, Camelia Bratu, Costel Vinatoru, Rodica-Mihaela Dinica, *Sideritis* spp. vs *Rumex* spp.-Chemical Composition, Scientific Conference Of Doctoral Schools–Perspectives and challenges in doctoral research, SCDS-UDJG 2024 The 12th Edition, GALAȚI, 6th-7th of June 2024.
 15. Alexandra-Mariana Ionescu, **Andreea-Veronica Botezatu**, Anna Busuioc, Alina Iancu, Bianca Furdui, Rodica-Mihaela Dinica, Phytochemical and biological studies of plants with neuroprotective properties, RENA23 : 2eme Edition du Congres International „Ressources Naturelles & Developpement Durable, 9-11 novembre Fes Maroc.
 16. Mirela Roman, Petronela Nechita, Alina Cantaragiu Ceoromila, **Andreea Veronica (Dediu) Botezatu**, FUNCTIONAL COATINGS BASED ON MODIFIED XYLAN HEMICELLULOSES FOR FOOD PACKAGING PAPERS, 24th International symposium in the field of pulp, paper, packaging and graphics, June 21st – 22nd 2023, Belgrade, Serbia. PROGRAM-OF-XXIV-CPAG-SYMPOSIUM_Belgrade-2023_2.pdf (cpag-tmfbg.rs)
 17. **Andreea Veronica Dediu Botezatu**, Bianca Furdui, Rodica Mihaela Dinica, „PP.7.3 Synthesis and

- characterization of heterocyclic compounds with bioactive properties using classical or "green chemistry" methods", 11th Edition of Scientific Conference of Doctoral Schools SCDS-UDJG, Perspectives and challenges in doctoral research, 8th and 9th of June 2023.
18. Antonio, Fidimirina Telesphore, Valerie, Lalao Razafindratovo, Iuliana, Aprodu, Daniela, Istrati, **Andreea V., Botezatu**, Rodica, Dinică, Bianca Furdui, „Development of peanut spread containing *Arthrospira platensis* var. Toliara as a ready-to-use therapeutic food to treat malnutrition”, EURO-ALIMENT 2023 THE 11TH INTERNATIONAL SYMPOSIUM Insights of Future Foods - From concepts and challenges to technological innovations 19-20th October, 2023, Galați, Romania.
 19. **Botezatu A. V.**, Bălănescu F., Bratu Botea C., Iancu A. V., Furdui B., Dinică R.M., „Semințele de Chimen (*Carum Carvi*) – sursă de compuși biologic activi/ Caraway Seeds (*Carum Carvi*) – source of biological active compounds” International Scientific Symposium MODERN TRENDS IN THE AGRICULTURAL HIGHER EDUCATION October 5-6, 2023, Technical University of Moldova (UTM).
 20. Alexandra-Mariana IONESCU, **Andreea BOTEZATU**, Anna BUSUIOC, Alina-Viorica IANCU, Bianca FURDUI, Rodica Mihaela DINICĂ, „Plants with possible action on Alzheimer Disease: phytochemical and biological studies”, 11th Edition of Scientific Conference of Doctoral Schools SCDS-UDJG, Perspectives and challenges in doctoral research, 8th and 9th of June 2023.
 21. Anna Cazanevscaia (Busuioc), **Andreea Veronica Botezatu**, Bianca Furdui, Rodica Mihaela Dinica, „PP.7.4 Qualitative and quantitative evaluation of saponins from the fruits of *C. metuliferus*”, 11th Edition of Scientific Conference of Doctoral Schools SCDS-UDJG, Perspectives and challenges in doctoral research, 8th and 9th of June 2023.
 22. Fănică Bălănescu, **Andreea Veronica Dediu (Botezatu)**, Anna Cazanevscaia (Busuioc), Bianca Furdui, Rodica Mihaela Dinică, „OP.7.11 Evaluation of the synergistic antioxidant effect of essential oils from plants of the Lamiaceae family mixed with *Carum carvi* oil”, 11th Edition of Scientific Conference of Doctoral Schools SCDS-UDJG, Perspectives and challenges in doctoral research, 8th and 9th of June 2023.
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