

LISTA COMPLETĂ DE LUCRĂRI

1. Briciu C, Neag M, Muntean D, Vlase L, Bocsan C, Buzoianu A, **Gheldiu AM**, Achim M, Popa A. A pharmacokinetic drug interaction study between nebivolol and duloxetine. *Exp Clin Cardiol*. 2014;20(1):1374-1379.
2. Mocan A, Vlase L, Vodnar DC, Bischin C, Hanganu D, **Gheldiu AM**, et al. Polyphenolic Content, Antioxidant and Antimicrobial Activities of *Lycium barbarum* L. and *Lycium chinense* Mill. Leaves. *Molecules*. 2014;19(7):10056-10073.
3. Briciu C, Neag M, Muntean D, Vlase L, Bocsan C, Buzoianu A, **Gheldiu AM**, Achim M, Popa A. A pharmacokinetic drug interaction study between nebivolol and paroxetine in healthy volunteers. *J Clin Pharm Ther*. 2014;39(5):535–540.
4. Vlase L, Mocan A, Hanganu D, Benedec D, **Gheldiu A**, Crișan G. Comparative study of polyphenolic content, antioxidant and antimicrobial activity of four *Galium* species (Rubiaceae). *Dig J Nanomater Biostruct*. 2014;9(3):1085-1094.
5. Mocan A, Crișan G, Vlase L, Crișan O, Vodnar DC, Raita O, **Gheldiu AM**, et al. Comparative Studies on Polyphenolic Composition, Antioxidant and Antimicrobial Activities of *Schisandra chinensis* Leaves and Fruits. *Molecules*. 2014;19(9):15162-15179.
6. Briciu C, Neag M, Muntean D, Bocsan C, Buzoianu A, Antonescu O, **Gheldiu AM**, Achim M, Popa A, Vlase L. Phenotypic differences in nebivolol metabolism and bioavailability in healthy volunteers. *Clujul Med*. 2015;88(2):208-213.
7. Andriamadio JH, Rasoanaivo LH, Benedec D, Vlase L, **Gheldiu AM**, et al. HPLC/MS analysis of polyphenols, antioxidant and antimicrobial activities of *Artabotrys hildebrandtii* O. Hffm. extracts. *Nat Prod Res*. 2015;29(23):2188–2196.
8. Dezsı Ş, Bădărău AS, Bischin C, Vodnar DC, Silaghi-Dumitrescu R, **Gheldiu AM**, Mocan A, Vlase L. Antimicrobial and Antioxidant Activities and Phenolic Profile of *Eucalyptus globulus* Labill. and *Corymbia ficifolia* (F. Muell.) K.D. Hill & L.A.S. Johnson Leaves. *Molecules*. 2015;20(3):4720-4734.
9. **Gheldiu AM**, Popa A, Neag M, Muntean D, Bocsan C, Buzoianu A, Vlase L, Achim M, Todor I, Briciu C. Assessment of fluvoxamine effects on the pharmacokinetics of zolpidem and its main metabolite in healthy volunteers. *Farmacia*. 2015;63(3):453-459.
10. Pârvu M, Vlase L, Pârvu AE, Roșca-Casian O, **Gheldiu AM**, Pârvu O. Phenolic Compounds and Antifungal Activity of *Hedera helix* L. (Ivy) Flowers and Fruits. *Not Bot Horti Agrobo*. 2015;43(1):53-58.
11. Mocan A, Vlase L, Raita O, Hanganu D, Păltinean R, Dezsı Ş, **Gheldiu AM**, et al. Comparative studies on antioxidant activity and polyphenolic content of *Lycium barbarum* L. and *Lycium chinense* Mill. leaves. *Pak J Pharm Sci*. 2015;28(4):1511-1515.
12. Mocan A, Vlase L, Vodnar DC, **Gheldiu AM**, Oprean R, Crișan G. Antioxidant, Antimicrobial Effects and Phenolic Profile of *Lycium barbarum* L. Flowers. *Molecules*. 2015;20(8):15060-15071.
13. Mocan A, Vodnar DC, Vlase L, Crișan O, **Gheldiu AM**, Crișan G. Phytochemical Characterization of *Veronica officinalis* L., *V. teucrium* L. and *V. orchidea* Crantz from Romania and Their Antioxidant and Antimicrobial Properties. *Int J Mol Sci*. 2015;16(9):21109-21127.
14. Todor I, Popa A, Neag M, Muntean D, Bocsan C, Buzoianu A, Vlase L, **Gheldiu AM**, Chira R, Briciu C. The influence of paroxetine on the pharmacokinetics of atomoxetine and its main metabolite. *Clujul Med*. 2015;88(4):513-520.
15. Varga A, Briciu C, Vlase L, Primejdie DP, **Gheldiu AM**, Carașca C, Țilea I. Pharmacokinetics of different formulations of telmisartan/amlodipine fixed-dose combination in hypertensive patients. *Acta Medica Transilvanica*. 2015;20(4):45-50.

16. **Gheldiu AM**, Pop DS, Loghin F, Vlase L. Oxidative Metabolism of Estrone Modified by Genistein and Bisphenol A in Rat Liver Microsomes. *Biomed Environ Sci.* 2015;28(11):834-838.
17. **Gheldiu AM**, Muntean DM, Cristea I, Antonescu I, Chira R, Ureche C, Vlase L. Kinetics of Nebivolol and its Active Metabolite after Single Dose Oral Administration of Nebivolol. *Rev Chim (Buchar).* 2016;67(4):702-705.
18. **Gheldiu AM**, Popa A, Neag M, Muntean D, Bocşan C, Buzoianu A, Vlase L, Tomuţa I, Briciu C. Assessment of a Potential Interaction between Nebivolol and Bupropion in Healthy Volunteers. *Pharmacology.* 2016;98(3-4):190-198.
19. Todor I, Popa A, Neag M, Muntean D, Bocşan C, Buzoianu A, Vlase L, **Gheldiu AM**, Briciu C. Evaluation of a Potential Metabolism-Mediated Drug-Drug Interaction Between Atomoxetine and Bupropion in Healthy Volunteers. *J Pharm Pharm Sci.* 2016;19(2):198-207.
20. Hanganu D, Benedec D, Vlase L, Popica I, Bele C, Raita O, **Gheldiu AM**, et al. Polyphenolic content and antioxidant activity of Chrysanthemum parthenium extract. *Farmacia.* 2016;64(4):498-501.
21. Todor I, Popa A, Neag M, Bocşan C, Muntean DM, Buzoianu A, **Gheldiu AM**, Vlase L, Briciu C. Evaluation of the potential pharmacokinetic interaction between atomoxetine and fluvoxamine in healthy volunteers. *Pharmacology.* 2017;99(1-2):84-88.
22. Abrudan MB, Muntean DM, **Gheldiu AM**, Neag MA, Vlase L. The pharmacokinetic interaction study between carvedilol and bupropion in rats. *Pharmacology.* 2017;99(3-4):139-143.
23. Ardelean F, Vlase L, Mocan AM, **Gheldiu AM**, Antal DS, et al. Dietary Supplements with Resveratrol, Flavonoids and Phenolic Acids: in-depth HPLC Profiling and Antioxidant Capacity as Quality Markers. *Rev Chim (Buchar).* 2017;68(2):401-407.
24. **Gheldiu AM**, Vlase L, Popa A, Briciu C, Muntean D, Bocşan C, Buzoianu A, Achim M, Tomuţa I, Todor I, Leucuţa D, Neag M. Investigation of a Potential Interaction between Nebivolol and Fluvoxamine in Healthy Volunteers. *J Pharm Pharm Sci.* 2017;20:68-80.
25. Păltinean R, Mocan A, Vlase L, **Gheldiu AM**, Crişan G, Ielciu I, Voştinaru O, Crişan O. Evaluation of Polyphenolic Content, Antioxidant and Diuretic Activities of six Fumaria species. *Molecules.* 2017;22(4):639.
26. Ielciu I, Vlase L, Frederich M, Hanganu D, Păltinean R, Cieckiewicz E, Olah NK, **Gheldiu AM**, Crişan G. Polyphenolic profile and biological activities of the leaves and aerial parts of Echinocystis lobata (Michx.) Torr. et A.Gray (Cucurbitaceae). *Farmacia.* 2017;65(2):179-183.
27. Benedec D, Hanganu D, Filip L, Oniga I, Tiperciuc B, Olah NK, **Gheldiu AM**, Raita O, Vlase L. Chemical, antioxidant and antibacterial studies of Romanian Heracleum sphondylium. *Farmacia.* 2017;65(2):252-256.
28. Todor I, Bocşan C, Buzoianu A, Vlase L, Leucuţa D, **Gheldiu AM**, Briciu C. The influence of CYP2D6 phenotype on the pharmacokinetic profile of atomoxetine in Caucasian healthy subjects. *Acta Medica Marisiensis.* 2017;63(2):87-94.
29. Toiu A, Vlase L, **Gheldiu AM**, Vodnar D, Oniga I. Evaluation of the antioxidant and antibacterial potential of bioactive compounds from Ajuga reptans extracts. *Farmacia.* 2017;65(3):351-355.
30. **Gheldiu AM**, Csavdari A, Achim M, Vlase L, Tomuţa I, Muntean D. Kinetics of zolpidem and its metabolite after single dose oral administration of zolpidem. *Studia UBB Chemia.* 2017;LXII(2, Tom II):179-188.
31. Abrudan MB, Muntean DM, Neag MA, Vlase L, **Gheldiu AM**. The influence of sertraline on the pharmacokinetics of carvedilol. A preclinical study on rats. *Farmacia.* 2017;65(4):557-562.
32. Roşca-Casian O, Mircea C, Vlase L, **Gheldiu AM**, Teuca DT, Pârvu M. Chemical composition and antifungal activity of Hedera helix leaf ethanolic extract. *Acta Biol Hung.* 2017;68(2):196-207.

33. Abrudan MB, Muntean DM, Popa DS, **Gheldiu AM**, Neag MA, Vlase L. Inhibitory effect of citalopram on the pharmacokinetics of carvedilol in rats and in vitro models. *Pharmacology*. 2017;100(5-6):301-307.
34. Păltinean R, Ielciu I, Vlase L, Mocan A, **Gheldiu AM**, Babotă M, Vodnar D, Crișan G. Histo-anatomical researches, polyphenolic profile and biological activities of the aerial parts and tubers of *Dactylorhiza maculata* L. Soo. (Orchidaceae). *Farmacia*. 2017;65(6):837-842.
35. Babotă M, Mocan A, Vlase L, Crișan O, Ielciu I, **Gheldiu AM**, Vodnar DC, Crișan G, Păltinean R. Phytochemical Analysis, Antioxidant and Antimicrobial Activities of *Helychrysum arenarium* (L.) Moench. and *Antennaria dioica* (L.) Gertn. Flowers. *Molecules*. 2018;23(2):409.
36. Toiu A, Mocan A, Vlase L, Pârvu AE, Vodnar DC, **Gheldiu AM**, Moldovan C, Oniga I. Phytochemical Composition, Antioxidant, Antimicrobial and In Vivo Anti-inflammatory Activity of Traditionally Used Romanian *Ajuga Laxmannii* (Murray) Benth. ('Nobleman's Beard'). *Front Pharmacol*. 2018;9:7.
37. Rusu ME, **Gheldiu AM**, Mocan A, Vlase L, Popa DS. Anti-aging potential of tree nuts with a focus on phytochemical composition, molecular mechanisms and thermal stability of major bioactive compounds. *Food Funct*. 2018;9:2554-2575.
38. Ielciu I, Hanganu D, Păltinean R, Vlase L, Frederich M, **Gheldiu AM**, Benedec D, Crișan G. Antioxidant capacity and polyphenolic content of the *Echinocystis lobata* (Michx.) Torr. Et A.Gray flowers. *Pak J Pharm Sci*. 2018;31(2 Suppl):677-683.
39. Ivănescu B, Tuchiluş C, Corciova A, Lungu C, Mihai CT, **Gheldiu AM**, Vlase L. Antioxidant, antimicrobial and cytotoxic activity of *Tanacetum vulgare*, *Tanacetum corymbosum* and *Tanacetum macrophyllum* extracts. *Farmacia*. 2018;66(2):282-288.
40. Benedec D, Oniga I, Hanganu D, **Gheldiu AM**, Pușcaș C, et al. Sources for developing new medicinal products: biochemical investigations on alcoholic extracts obtained from aerial parts of some Romanian Amaryllidaceae species. *BMC Complement Altern Med*. 2018;18:226.
41. Pop D, **Gheldiu AM**, Oroian M, Marcovici A, Bhardwaj S, Khuroo A, Kochhar R, Vlase L. Effect of food on the pharmacokinetics of gliclazide 60 mg modified release tablet in healthy Caucasian volunteers. *Acta Medica Marisiensis*. 2018;64(4):161-168.
42. Abrudan MB, Muntean DM, Neag MA, Vlase L, **Gheldiu AM**. The effect of multiple-dose paroxetine on the pharmacokinetic profile of carvedilol in rats. *Acta Pol Pharm*. 2018;75(5):1241-1246.
43. Corciova A, Mircea C, Tuchiluş C, Cioancă O, Burlec AF, Ivănescu B, Vlase L, **Gheldiu AM**, et al. Phenolic and sterolic profile of a *Phyllanthus amarus* extract and characterization of newly synthesized silver nanoparticles. *Farmacia*. 2018;66(5):831-838.
44. Rusu ME, **Gheldiu AM**, Mocan A, Moldovan C, Popa DS, Tomuță I, Vlase L. Process optimization for improved phenolic compounds recovery from walnut (*Juglans regia* L.) septum: phytochemical profile and biological activities. *Molecules*. 2018;23(11):2814.
45. Ivănescu B, Lungu C, Vlase L, **Gheldiu AM**, Grigorescu C, Corciova A. Bioactive compounds from *Artemisia campestris* L. subsp. *Campestris*. *Rev Chim (Buchar)*. 2018;69(11):3076-3081.
46. Rusu ME, Simedrea R, **Gheldiu AM**, Mocan A, Vlase L, Popa DS, Ferreira ICF. Benefits of tree nuts consumption on aging and age-related diseases: Mechanism of actions. *Trends Food Sci Technol*. 2019;88:104-120.
47. Rauca VF, Vlase L, Casian T, Sesarman A, **Gheldiu AM**, Mocan A, Banciu M, Toiu A. Biologically active *Ajuga* species extracts modulate supportive processes for cancer cell development. *Front Pharmacol*. 2019;10:334.
48. Toiu A, Mocan A, Vlase L, Pârvu AE, Vodnar DC, **Gheldiu AM**, Moldovan C, Oniga I. Comparative Phytochemical Profile, Antioxidant, Antimicrobial and In Vivo Anti-Inflammatory Activity of Different Extracts of Traditionally Used Romanian *Ajuga genevensis* L. and *A. reptans* L. (Lamiaceae). *Molecules*. 2019;24(8):1597.

49. Abrudan MB, Popa DS, Muntean DM, **Gheldiu AM**, Vlase L. Pharmacokinetic interactions study between carvedilol and some antidepressants in rat liver microsomes - a comparative study. *Med Pharm Rep.* 2019;92(2):158-164.
50. **Gheldiu AM**, Vlase L, Popa A, Muntean D, Bocşan C, Buzoianu A, Neag M, Leucuţa D, Briciu C. Assessment of the effects of steady-state bupropion on the pharmacokinetic profile of zolpidem in healthy volunteers. *Farmacia.* 2019;67(3):430-436.
51. Abrudan MB, Muntean DM, Vlase L, **Gheldiu AM**, Berce C, Stoicescu L, Neag MA. Influence of fluvoxamine on carvedilol's pharmacokinetics in rats. *Farmacia.* 2019;67(4):616-620.
52. Pop DI, Marcovici A, Oroian M, **Gheldiu AM**, Vlase L. In vitro-in vivo correlation for gliclazide 60 mg modified release tablets. *Studia UBB Chemia.* 2019;LXIV(2, Tom I):217-229.
53. Oroian M, Marcovici A, Pop DI, Bhardwaj S, Khuroo A, **Gheldiu AM**, Vlase L. Kinetics of dapagliflozin after single dose oral administration of a 10 mg immediate release tablet. *Studia UBB Chemia.* 2019;LXIV(2, Tom I):297-308.
54. Todor I, Popa A, Muntean D, Neag M, **Gheldiu AM**, Briciu C, Leucuţa D, Vlase L. Atomoxetine and duloxetine: evaluation of a potential pharmacokinetic drug-drug interaction. *Acta Medica Marisiensis.* 2019;65(4):150-156.
55. Toiu A, Vlase L, Vodnar DC, **Gheldiu AM**, Oniga I. *Solidago graminifolia* L. Salisb. (Asteraceae) as a valuable source of bioactive polyphenols: HPLC profile, in vitro antioxidant and antimicrobial potential. *Molecules.* 2019;24(14):2666.
56. Tanase C, Mocan A, Coşarcă S, Gâvan A, Nicolescu A, **Gheldiu AM**, Vodnar DC, Muntean DL, Crişan O. Biological and Chemical Insights of Beech (*Fagus sylvatica* L.) Bark: A Source of Bioactive Compounds with Functional Properties. *Antioxidants.* 2019;8(9):417.
57. Rusu ME, Fizeşan I, Pop A, **Gheldiu AM**, Mocan A, Crişan G, Vlase L, Popa DS, Tomuţa I. Enhanced Recovery of Antioxidant Compounds from Hazelnut (*Corylus avellana* L.) Involucre Based on Extraction Optimization: Phytochemical Profile and Biological Activities. *Antioxidants.* 2019;8(10):460.
58. **Gheldiu AM**, Muntean DM, Neag M, Popa A, Briciu C, Vlase L. Lack of kinetic interaction between zolpidem and duloxetine: results from a drug-drug interaction study in healthy volunteers. *Studia UBB Chemia.* 2019;LXIV(3):153-162.
59. Epure A, Oniga I, Benedec D, Hanganu D, **Gheldiu AM**, Toiu A, Vlase L. Chemical analysis and antioxidant activity of some Rooibos tea products. *Farmacia.* 2019;67(6):963-966.
60. Corciova A, Burlec AF, **Gheldiu AM**, Fifere A, Lungoci AL, Marangoci N, Mircea C. Biosynthesis of Silver Nanoparticles Using Licorice Extract and Evaluation of their Antioxidant Activity. *Rev Chim (Buchar).* 2019;70(11):4053-4056.
61. Luchian CE, Cotea VV, Vlase L, Toiu AM, Colibaba LC, Raschip IE, Nadăş G, **Gheldiu AM**, Tuchiluş C, Rotaru L. Antioxidant and antimicrobial effects of grape pomace extracts. *BIO Web of Conferences.* 2019;15:04006.
62. Oroian M, Pop DI, **Gheldiu AM**, Bhardwaj S, Marcovici A, Khuroo A, Vlase L. The relative bioavailability of two formulations containing 10 mg dapagliflozin assessed under fasting conditions in a randomized crossover study in healthy Caucasian subjects. *Acta Medica Marisiensis.* 2020;66(1):15-22.
63. Oroian M, Pop DI, **Gheldiu AM**, Bhardwaj S, Marcovici A, Khuroo A, Vlase L. Relative bioavailability of two formulations containing dapagliflozin 10 mg under fed condition in a randomized crossover study in healthy Caucasian subjects. *Farmacia.* 2020;68(1):76-81.
64. Obasi TC, Benedec D, Hanganu D, **Gheldiu AM**, Vlase L, Oniga I, et al. Free radical scavenging activity and total polyphenol content of *Securidaca longipedunculata* roots and leaves extracts. *Farmacia.* 2020;68(1):101-106.
65. Rusu ME, Fizeşan I, Pop A, Mocan A, **Gheldiu AM**, Babotă M, et al. Walnut (*Juglans regia* L.) septum: Assessment of bioactive molecules and in vitro biological effects. *Molecules.* 2020;25(9):2187.

66. Rusu ME, Georgiu C, Pop A, Mocan A, Kiss B, Voștinaru O, Fizeșan I, Ștefan MG, **Gheldiu AM**, et al. Antioxidant effect of walnut (*Juglans regia* L.) kernel and walnut septum extract in a D-galactose-induced aging model and in naturally aged rats. *Antioxidants*. 2020;9(5):424.
67. Pop DI, Marcovici A, Oroian M, **Gheldiu AM**, Vlase L. Kinetics of gliclazide after single dose oral administration of gliclazide 60 mg modified release tablet. *Studia UBB Chemia*. 2020;LXV(2):187-196.
68. Farcaș AD, Zăgrean-Tuza C, Vlase L, **Gheldiu AM**, Pârvu M, Moț AC. EPR fingerprinting and antioxidant response of four selected *Plantago* species. *Studia UBB Chemia*. 2020;LXV(2):209-220.
69. Sevastre-Berghian AC, Ielciu I, Mitre AO, Filip GA, Oniga I, Vlase L, Benedec D, **Gheldiu AM**, et al. Targeting Oxidative Stress Reduction and Inhibition of HDAC1, MECP2, and NF-kB Pathways in Rats With Experimentally Induced Hyperglycemia by Administration of *Thymus marshallianus* Willd. Extracts. *Front Pharmacol*. 2020;11:581470.
70. Fritea L, Pașca PM, Vlase L, **Gheldiu AM**, Moldovan L, Banica F, Dobjanschi L, Cavalu S. Electrochemical Methods for Evaluation of Antioxidant Properties of Propolis Extract Incorporated in Chitosan Nanoparticles. *Mater Plast*. 2020;57(4):96-108.
71. Eric Dumas NG, Tchangué Yvan N, Ntsomboh-Ntsefong Godswill A, Thiruvengadam M, **Gheldiu AM**, Păltinean R, et al. Secondary metabolite contents and antimicrobial activity of leaf extracts reveal genetic variability of *Vernonia amygdalina* and *Vernonia calvoana* morphotypes. *Biotechnol Appl Biochem*. 2021;68(4):938-947.
72. Epure A, Pârvu AE, Vlase L, Benedec D, Hanganu D, **Gheldiu AM**, Toma VA, Oniga I. Phytochemical Profile, Antioxidant, Cardioprotective and Nephroprotective Activity of Romanian Chicory Extract. *Plants*. 2021;10(1):64.
73. Scutarușu EC, Luchian CE, Vlase L, Colibaba LC, **Gheldiu AM**, Cotea VV. Evolution of phenolic profile of white wines treated with enzymes. *Food Chem*. 2021;340:127910.
74. Pop A, Fizeșan I, Vlase L, Rusu ME, Cherfan J, Babotă M, **Gheldiu AM**, Tomuță I, Popa DS. Enhanced recovery of phenolics and tocopherolic compounds from walnut (*Juglans regia* L.) male flowers based on process optimization of ultrasonic assisted-extraction: phytochemical profile and biological activities. *Antioxidants*. 2021;10(4):607.
75. Ivănescu B, Corciova A, Vlase L, **Gheldiu AM**, Miron A, Ababei DC, Bild V. Analgesic and anti-inflammatory activity of *Artemisia* extracts on animal models of nociception. *Balneo PRM Res J*. 2021;12(1):34-39.
76. Schnell CNT, Filip GA, Decea N, Moldovan R, Opriș R, Man SC, Moldovan B, David L, Tabaran F, Olteanu D, **Gheldiu AM**, Bâldea I. The impact of *Sambucus nigra* L. extract on inflammation, oxidative stress and tissue remodeling in a rat model of lipopolysaccharide-induced subacute rhinosinusitis. *Inflammopharmacology*. 2021;29(3):753-769.
77. Epure A, Pârvu AE, Vlase L, Benedec D, Hanganu D, **Vlase AM**, Oniga I. Polyphenolic compounds, antioxidant activity and nephroprotective properties of Romanian *Taraxacum officinale*. *Farmacia*. 2022;70(1):47-53.
78. Boumba LS, Cristina A, Ntandou FGN, Oniga I, Benedec D, **Vlase AM**, et al. Polyphenolic profile and anti-inflammatory, analgesic and antioxidant effects of ethanolic and hydro-ethanolic extracts of *Heinsia crinita* Afz. G. Taylor and *Tetracera alnifolia* Willd. *Farmacia*. 2022;70(2):272-278.
79. Kagambega W, Belem H, Meda RN, Koama BK, Drabo AF, Kabore J, Traore A, Ouédraogo GA, Benedec D, Hanganu D, Vlase L, **Vlase AM**, Voștinaru O, Mogoșan C, Oniga I. Polyphenolic Profile, Anti-Inflammatory and Anti-Nociceptive Activities of Some African Medicinal Plants. *Plants*. 2022;11(10):1377.
80. Burlec AF, Corciova A, **Vlase AM**, Vlase L, Mircea C, Tuchiluş C, Furnica C, Shaat F, Robu S, Cioncă O, Hăncianu M. Phytochemical composition and in vitro biological properties of several *Rudbeckia hirta* and *Tagetes erecta* flower extracts. *Farmacia*. 2022;70(2):241-247.

81. Gavra DI, Marian E, Pallag A, Vicaș LG, Lucaciu RL, Micle O, Ionescu C, Bacskey I, Hangan AC, Sevastre B, Pall E, **Vlase AM**, Vlase L, Jurca T. Phytochemical screening and biological activity of ethanolic extract of *Rosa x damascena* Mill. cultivated in the Western region of Romania. *Farmacia*. 2022;70(2):248-257.
82. Băieș MH, Gherman C, Boros Z, Olah D, **Vlase AM**, Cozma-Petruț A, et al. The Effects of *Allium sativum* L., *Artemisia absinthium* L., *Cucurbita pepo* L., *Coriandrum sativum* L., *Satureja hortensis* L. and *Calendula officinalis* L. on the Embryogenesis of *Ascaris suum* Eggs during an in Vitro Experimental Study. *Pathogens*. 2022;11(9):1065.
83. Adehuwa-Olabode AA, Sautreau A, Vlase L, **Vlase AM**, Muntean D. The phytochemical analysis and antioxidant capacity determination of five *Hypericum* species. *Studia UBB Chemia*. 2022;LXVII(3):17-35.
84. Stoleru V, Vitanescu M, Teliban GC, Cojocaru A, Vlase L, **Gheldiu AM**, et al. Phytosterol and Polyphenol Contents and Quinoa Leave Yields Variation in Relationships to Variety, Density and Harvesting Date. *Agronomy*. 2022;12(10):2397.
85. Gligor O, Clichici S, Moldovan R, Muntean D, **Vlase AM**, Nadăș GC, et al. Red Clover and the Importance of Extraction Processes - Ways in Which Extraction Techniques and Parameters Affect *Trifolium pratense* L. Extracts' Phytochemical Profile and Biological Activities. *Processes*. 2022;10(12):2581.
86. Gligor O, Clichici S, Moldovan R, Muntean D, **Vlase AM**, Nadăș GC, Filip GA, Vlase L, Crișan G. Influences of Different Extraction Techniques and Their Respective Parameters on the Phytochemical Profile and Biological Activities of *Xanthium spinosum* L. Extracts. *Plants*. 2023;12(1):96.
87. **Vlase AM**, Toiu A, Tomuță I, Vlase L, Muntean D, Casian T, Fizeșan I, Nadăș GC, Novac CS, Tămaș M, Crișan G. *Epilobium* Species: From Optimization of the Extraction Process to Evaluation of Biological Properties. *Antioxidants*. 2023;12(1):91.
88. Gligor O, Clichici S, Moldovan R, Muntean D, **Vlase AM**, Nadăș GC, Matei IA, Filip GA, Vlase L, Crișan G. The Effect of Extraction Methods on Phytochemicals and Biological Activities of Green Coffee Beans Extracts. *Plants*. 2023;12(4):712.
89. Băieș MH, Györke A, Cotuțiu VD, Boros Z, Cozma-Petruț A, Filip L, Vlase L, **Vlase AM**, Crișan G, Spînu M, Cozma V. Anticoccidial Activity of Some Herbal Extracts against *Eimeria* spp. Oocysts Isolated from Piglets. *Pathogens*. 2023;12(2):258.
90. Epure A, Pârnu AE, Vlase L, Benedec D, Hanganu D, Oniga O, **Vlase AM**, Ielciu I, Toiu A, Oniga I. New Approaches on the Anti-Inflammatory and Cardioprotective Properties of *Taraxacum officinale* Tincture. *Pharmaceuticals*. 2023;16(3):358.
91. Oroian M, **Vlase AM**, Marcovici A, Vlase L. Kinetics of Dapagliflozin 10mg immediate release tablet in healthy Caucasian Volunteers: does food intake affect its disposition in the body? *Studia UBB Chemia*. 2023;LXVIII(1):37-48.
92. Gligor O, Clichici S, Moldovan R, Decea N, **Vlase AM**, Fizeșan I, Pop A, Virag P, Filip GA, Vlase L, Crișan G. An In Vitro and In Vivo Assessment of Antitumor Activity of Extracts Derived from Three Well-Known Plant Species. *Plants*. 2023;12(9):1840.
93. Neagu OM, Ghitea T, Marian E, Vlase L, **Vlase AM**, Ciavoi G, et al. Formulation and Characterization of Mucoadhesive Polymeric Films Containing Extracts of *Taraxaci Folium* and *Matricariae Flos*. *Molecules*. 2023;28(10):4002.
94. Neagu OM, Vicaș LG, **Vlase AM**, Vlase L, Pallag A, Teușdea A, et al. Mucoadhesive Films Based on Polyvinyl Alcohol and Bioactive Compounds for Oral Administration: Structural Characterization and Mucoadhesive Properties. *Farmacia*. 2023;71(4):737-746.

95. Frentz OD, Vicaș LG, Duteanu N, Nemeș NS, Pascu B, Teușdea A, Morgovan CM, Mureșan ME, Jurca T, Pallag A, **Vlase AM**, Vlase L, Dejeu I, Dejeu GE, Marian E. Formulation, Physico-Chemical Characterization, and Evaluation of the In Vitro Release Capacity of the *Ruta graveolens* L. Phytocomplex from Biodegradable Chitosan and Alginate Microspheres. *Appl Sci*. 2023;13(17):9939.
96. Solcan MB, Fizeșan I, Vlase L, **Vlase AM**, Rusu ME, Mateș L, Petru AE, Creștin IV, Tomuță I, Popa DS. Phytochemical Profile and Biological Activities of Extracts Obtained from Young Shoots of Blackcurrant (*Ribes nigrum* L.), European Blueberry (*Vaccinium myrtillus* L.), and Mountain Cranberry (*Vaccinium vitis-idaea* L.). *Horticulturae*. 2023;9(11):1163.
97. Benedec D, Oniga I, Hanganu D, Tiperciuc B, Nistor A, **Vlase AM**, Vlase L, Pușcaș C, Duma M, Login CC, Niculae M, Silaghi-Dumitrescu R. *Stachys* Species: Comparative Evaluation of Phenolic Profile and Antimicrobial and Antioxidant Potential. *Antibiotics*. 2023;12(11):1644.
98. Semenescu AD, Moaca EA, Iftode A, Dehelean CA, Tchiakpe-Antal DS, Vlase L, **Vlase AM**, Muntean D, Chioibas R. Phytochemical and Nutraceutical Screening of Ethanol and Ethyl Acetate Phases of Romanian *Galium verum* Herba (Rubiaceae). *Molecules*. 2023;28(23):7804.
99. Semenescu AD, Moaca EA, Chioibas R, Iftode A, Tchiakpe-Antal DS, Vlase L, **Vlase AM**, Muntean D, Dehelean CA. *Galium verum* L. petroleum ether extract - antitumor potential on human melanoma cells. *Ovidius Univ Ann Chem*. 2023;34(2):140-149.
100. Semenescu AD, Moaca EA, Chioibas R, Iftode A, Tchiakpe-Antal DS, Vlase L, **Vlase AM**, Muntean D, Dehelean CA. Phytochemical and Biological Screening of Aqueous *Galium verum* L. Extract. *Ann Univ Dunarea Jos Galati, Fasc VI Food Technol*. 2023;47(2):172-189.
101. Pop CE, Coste A, **Vlase AM**, Deliu C, Tamas M, Casian T, Vlase L. Selection of a *Digitalis purpurea* Cell Line with Improved Bioconversion Capacity of Hydroquinone into Arbutin. *Life*. 2024;14(1):84.
102. **Vlase AM**, Toiu A, Gligor O, Muntean D, Casian T, Vlase L, et al. Investigation of *Epilobium hirsutum* L. Optimized Extract's Anti-Inflammatory and Antitumor Potential. *Plants*. 2024;13(2):198.
103. Luchian CE, Focea EC, Scutarasu EC, Motrescu I, **Vlase AM**, Vlase L, Colibaba LC, Cotea V. Oak Aging and Ultrasound Treatment for Improving the Sensory Profile of Sauvignon Blanc Wines. In: Ono Y, Kondoh J, editors. *Recent Advances in Technology Research and Education*. Inter-Academia 2023. Cham: Springer; 2024. p. 104-121.
104. Scutarasu EC, Luchian CE, Cioroiu BI, Niculaua M, **Vlase AM**, Cotea V, Vlase L. Evaluation of the Nutritional Quality of Some Fruits Grown in Romania. In: Ono Y, Kondoh J, editors. *Recent Advances in Technology Research and Education*. Inter-Academia 2023. Cham: Springer; 2024. p. 122-139.
105. Benedec D, Oniga I, Hanganu D, **Vlase AM**, Ielciu I, et al. Revealing the Phenolic Composition and the Antioxidant, Antimicrobial and Antiproliferative Activities of Two *Euphrasia* sp. Extracts. *Plants*. 2024;13(13):1790.
106. Codreanu M, Iacob D, **Vlase AM**, Muntean DM, Vlase L. Assessment of Relative Bioavailability of Two Indapamide Tablet Formulations after Administration of Single Doses to Fasted Caucasian Subjects in 2-Way Crossover Study. *Farmacia*. 2024;72(3):499-505.
107. Scutarasu EC, Nita RG, Vlase L, Zamfir CI, Cioroiu BI, Colibaba LC, Muntean D, Luchian CE, **Vlase AM**, Cotea V. Maximizing Wine Antioxidants: Yeast's Contribution to Melatonin Formation. *Antioxidants*. 2024;13(8):916.
108. Pașca D, Frangiamone M, Mangiapelo L, Vila-Donat P, Mîrza O, **Vlase AM**, et al. Phytochemical Characterization of Bilberries and Their Potential as a Functional Ingredient to Mitigate Ochratoxin A Toxicity in Cereal-Based Products. *Nutrients*. 2024;16(18):3137.
109. Corciovă A, Mircea C, Fifere A, Turin-Moleavin IA, Roșca I, Macovei I, Ivănescu B, **Vlase AM**, Hăncianu M, Burlec AF. Biogenic Synthesis of Silver Nanoparticles Mediated by *Aronia melanocarpa* and Their Biological Evaluation. *Life*. 2024;14(9):1211.

110. Barbu IA, Toma VA, Mot AC, **Vlase AM**, Butiuc-Keul A, Pârvu M. Chemical Composition and Antioxidant Activity of Six *Allium* Extracts Using Protein-Based Biomimetic Methods. *Antioxidants*. 2024;13(10):1182.
111. Hui LA, Bodolea C, Popa A, **Vlase AM**, Hiriscău EI, Vlase L. Linezolid Pharmacokinetics in Critically Ill Patients: Continuous Versus Intermittent Infusion. *Antibiotics*. 2024;13(10):961.
112. Codreanu M, Iacob D, Onofrei MI, **Vlase AM**, Muntean DM, Vlase L. Food-effect study on the pharmacokinetics of indapamide prolonged-release tablets. *Acta Medica Marisiensis*. 2024;70(4):1-8.
113. Chirali AE, Ciocotisan IM, **Vlase AM**, Muntean DM, Vlase L. Kinetic modelling of olanzapine interactions with ciprofloxacin and norfloxacin in adult male Wistar rats: unraveling the mechanism of drug-drug interaction. *Ovidius Univ Ann Chem*. 2024;35(2):137-145.
114. Chirali AE, Ciocotisan IM, **Vlase AM**, Muntean DM, Vlase L. Olanzapine and fluoroquinolones antibiotics: a non-clinical study of drug-drug interactions due to CYP1A2 inhibition. *Farmacia*. 2024;72(5):1092-1097.
115. Ruse G, Tchiakpe-Antal DS, Moaca EA, Semenescu AD, **Vlase AM**, et al. Evaluation of anti-melanoma, antibacterial and antioxidant effects of a phytochemically characterized water-soluble fraction from green coffee seeds. *Farmacia*. 2024;72(6):1261-1272.
116. Pop CE, **Vlase AM**, Coste A, Deliu C, Tamas M, Casian T, Vlase L. Bioconversion of hydroquinone to arbutin in F3K *Digitalis purpurea* cell line. *Ovidius Univ Ann Chem*. 2024;35(2):154-164.
117. Solcan MB, **Vlase AM**, Marc G, Muntean D, Casian T, et al. Antimicrobial Effectiveness of *Ribes nigrum* L. Leaf Extracts Prepared in Natural Deep Eutectic Solvents (NaDESs). *Antibiotics*. 2024;13(12):1118.
118. Chirali AE, Ciocotișan IM, **Vlase AM**, Muntean DM, Vlase L. Insights into clozapine's kinetic interactions: enzymatic inhibition of CYP1A2 by ciprofloxacin and norfloxacin. *Studia UBB Chemia*. 2024;LXIX(4):99-114.
119. Codreanu M, Iacob D, Onofrei MI, **Vlase AM**, Muntean DM, Vlase L. In Vitro - In Vivo correlation of pentoxifylline: a comprehensive kinetic analysis. *Studia UBB Chemia*. 2024;LXIX(4):191-205.
120. Florea CM, Rosu RO, Minciuna IA, Cismaru G, Pop D, **Vlase AM**, Nenu I, Filip GA. The Impact of Trimethylamine N-Oxide on Atrial Fibrillation Presence in Patients with Cardiovascular Disease. *J Xenobiot*. 2025;15(1):18-29.
121. Ruse G, Avram Ș, Jijie AR, **Vlase AM**, Pătrașcu D, Dumitru R, et al. Phytochemical profile and a preliminary in ovo screening of the ethanolic extract of *Coffea arabica* green seeds. *Med Pharm Rep*. 2025;98(2):239-251.
122. Safta DA, **Vlase AM**, Pop A, Cherfan J, Carpa R, Iurian S, et al. Optimized *Sambucus nigra* L., *Epilobium hirsutum* L., and *Lythrum salicaria* L. Extracts: Biological Effects Supporting Their Potential in Wound Care. *Antioxidants*. 2025;14(5):521.
123. Corciova A, Mircea C, Fifere A, Turin Moleavin IA, Burlec AF, Ivanescu B, **Vlase AM**, Hancianu M, Macovei I. A Green Integrated Approach to Multifunctional Silver Nanoparticles Derived from *Aronia melanocarpa*. *Pharmaceutics*. 2025;17(5):669.
124. Neculicioiu VS, Colosi I, Sevastre-Berghian A, Toc DA, Colosi HA, David L, Muntean M, Moldovan R, **Vlase AM**, Toma VA, et al. Molecular Effects of Cornelian Cherry Fruit (*Cornus mas* L.) Extract on Sleep Deprivation-Induced Oxidative Stress, Cytokine Dysregulation, and Behavioural Changes in Wistar Rats. *Curr Issues Mol Biol*. 2025;47(6):399-415.
125. Liga S, Magyari-Pavel IZ, Avram S, Minda DI, **Vlase AM**, Muntean D, et al. Comparative Analysis of *Moringa oleifera* Lam. Leaves Ethanolic Extracts: Effects of Extraction Methods on Phytochemicals, Antioxidant, Antimicrobial, and In Ovo Profile. *Plants*. 2025;14(11):1653.
126. Iova OM, Marin GE, **Vlase AM**, Achim M, Muntean D, Tomuță I, et al. The Effects of *Anthyllis vulneraria* Hydroalcoholic Leaf Extract as an Adjuvant in Wound Healing. *Appl Sci*. 2025;15(15):8388.

127. Toiu A, **Vlase AM**, Vlase L, Casian T, Parvu AE, Oniga I. In Vivo Investigation of Cardioprotective Effects of *Melilotus officinalis* and *Melilotus albus* Aerial Parts Extracts for Potential Therapeutic Application. *Plants*. 2025;14(17):2639.
128. Neculicioiu VS, Chis IC, Colosi IA, Sevastre-Berghian A, David L, Muntean M, **Vlase AM**, et al. Cornelian Cherry (*Cornus mas*) Fruit Extract Administration in Sleep Deprived Wistar Rats—Friend or Foe? *Biology*. 2025;14(10):1341.
129. Hui LA, **Vlase AM**, Hiriscău EI, Bodolea C, Balan AM, Vlase L, Popa A. Effectiveness and Safety of Linezolid as Continuous Infusion Versus Intermittent Infusion in Critically Ill Patients: A Pilot Study. *Future Pharmacol*. 2025;5:61-75.
130. Karetka AJ, Papp B, Lekli I, **Vlase AM**, Pallag A, Vicaş LG, et al. In Vitro and in Vivo Efficacy of Different Ointment Formulations Containing *Centaurium erythraea* Rafn. Aerial Extract. *Pharmaceuticals*. 2025;18(11):1681.
131. Hui LA, Bodolea C, **Vlase AM**, Hiriscău EI, Balan AM, Vlase L, Popa A. Clinical Pharmacist Led Therapeutic Drug Monitoring for Vancomycin in a Romanian Hospital. *Farmacia*. 2025;73(4):867-875.
132. Coman OA, Smeu A, Muntean D, **Vlase AM**, Vlase L, Toth S, et al. Comparative Analysis of *Ribes nigrum* Leaf Extracts in Different Solvents: Antioxidant, Antimicrobial and Cytotoxic Activity. *Farmacia*. 2025;73(5):1164-1174.
133. Vicaş LG, Marian NA, Ali DH, Duteanu N, Svera P, Dehelean C, **Vlase AM**, et al. Potentiation of the Pharmacological Effects of an *Aristolochia clematitis* L. Extract by Loading into Liposomes Facilitating Release to HaCaT Cells. *Pharmaceutics*. 2026;18(1):89.