

Lista de lucrări științifice

Candidat: Farczádi Lénárd

1. Titlul tezei de doctorat: *Studies investigating the pharmacokinetics of azole inhibitors and substrates of CYP3A4, CYP 2C9 and CYP 2C19 isoenzymes (teza susținută în 17 februarie 2022, conducător științific: prof. univ. dr. Laurian Vlase, UMF "Iuliu Hațieganu" Cluj-Napoca, calificativ "Magna Cum Laude", Ordin Ministrul Educației nr. 3677/03.05.2022, titlu științific de doctor în domeniul Farmacie).*

2. Articole publicate in extenso:

2.1. Articole în reviste cotate ISI, cu factor de impact:

1. Tanase C, Babotă M, Nișca A, Nicolescu A, Ștefănescu R, Mocan A, **Farczadi L**, Mare AD, Ciurea CN, Man A. Potential Use of Quercus dalechampii Ten. and Q. frainetto Ten. Barks Extracts as Antimicrobial, Enzyme Inhibitory, Antioxidant and Cytotoxic Agents. *Pharmaceutics*. 2023; 15(2): 343. ISSN: 1999-4923, DOI: 10.3390/pharmaceutics15020343 (**factor de impact 2021 6.525**)
2. Andone S, **Farczádi L**, Imre S, Bajko Z, Motataianu A, Maier S, Barcutean L, Bălașa R. Serum fatty acids are associated with a higher risk of stroke. *Nutrients*, 2023; 15(3): 585. ISSN: 2072-6643, DOI: 10.3390/nu15030585 (**factor de impact 2021 6.706**)
3. Andone S, **Farczádi L**, Imre S, Bălașa R. Fatty Acids and Lipid Paradox-Neuroprotective Biomarkers in Ischemic Stroke. *International Journal of Molecular Sciences*, 2022; 23(18): 10810. ISSN: 1422-0067, DOI: 10.3390/ijms231810810 (**factor de impact 2021 6.208**)
4. Vlad RA, Antonoaea P, Todoran N, Rédei EM, Bîrsan M, Muntean DL, Imre S, Hancu G, **Farczádi L**, Ciurba A. Development and Evaluation of Cannabidiol Orodispersible Tablets Using a 2³-Factorial Design. *Pharmaceutics*, 2022; 14: 1467. ISSN: 1999-4923, DOI: 10.3390/pharmaceutics14071467 (**factor de impact 2021 6.525**)
5. Gáll Z, Csukor B, Urkon M, **Farczádi L**, Kolcsár M. Vitamin D Status Assessment: Lack of Correlation between Serum and Hair 25-Hydroxycholecalciferol Levels in Healthy Young Adults. *Diagnostics*, 2022; 12(5): 1229. ISSN: 2075-4418, DOI: 10.3390/diagnostics12051229 (**factor de impact 2021 3.992**)
6. **Farczádi L**, Dósa Á, Melles O, Vlase L. Development And Validation Of A Rapid Selective High-Throughput LC-MS/MS Method For The Determination Of Triclabendazole Sulfoxide

Concentrations In Sheep Plasma And Its Use In Bioequivalence Studies. *Acta Chromatographica*, 2022; 34(2): 170. ISSN: 2083-5736, DOI: 10.1556/1326.2021.00891 (**factor de impact 2021 2.011**)

7. Vlad RA, **Farczádi L***, Toma CM, Imre S, Antonoaea P, Rédei EM, Muntean DL, Ciurba A. Cannabidiol content evaluation in commercial dietary supplements and stability in oil vehicle. *Studia UBB Chemia*, 2021; LXVI(2): 299. ISSN: 2065-9520, DOI:10.24193/subbchem.2021.2.26 (**factor de impact 0.558, autor corespondent**)
8. Nisca A, Ștefănescu R, Stegăruș DI, Mare AD, **Farczadi L**, Tanase C. Phytochemical profile and biological effects of spruce (*Picea abies*) bark subjected to ultrasound assisted and microwave-assisted extractions. *Plants*, 2021; 10: 870. ISSN: 2223-7747, DOI: 10.3390/plants10050870 (**factor de impact 4.658**)
9. Ștefănescu R, **Farczadi L***, Huțanu A, Ósz BE, Mărușteri M, Negroiu A, Vari CE. Tribulus terrestris products in diabetes and erectile dysfunction –efficacy and safety concerns assessed in an experimental model. *Plants*, 2021; 10: 744. ISSN: 2223-7747, DOI: 10.3390/plants10040744 (**factor de impact 4.658, autor corespondent**)
10. **Farczádi L**, Silvia Imre, Vlase L. LC-MS/MS Method For The Determination Of Diazolic Anthelmintic Drug Levels From Sheep And Human Plasma For Use In Pharmacokinetic And Bioavailability Studies. *Studia UBB Chemia*, 2021; LXVI(1): 179. ISSN: 2065-9520, DOI: 10.24193/subbchem.2021.1.14 (**factor de impact 0.558**)
11. Nisca A, Ștefănescu R, Stegăruș DI, Mare AD, **Farczadi L**, Tanase C. Comparative Study Regarding the Chemical Composition and Biological Activity of Pine (*Pinus nigra* and *P. sylvestris*) Bark Extracts. *Antioxidants*, 2021; 10(2): 327. ISSN: 2076-3921, DOI: 10.3390/antiox10020327 (**factor de impact 7.675**)
12. Huțanu A, Zaharia M, **Farczadi L**, Pașcanu IM, Pop RM, Dobreanu M. Evaluation of Plasma AA/DHA+EPA Ratio in Obese Romanian Children. *Rev Romana Med Lab*, 2021; 29(2): 165. ISSN: 2284-5623, DOI: 10.2478/rrlm-2021-0002 (**factor de impact 1.027**)
13. Varga E, Fülöp I, **Farczádi L**, Croitoru MD. Polyphenolic Determination From Medicinal Plants Used In Veterinary Medicine By An UHPLC-LC-MS/MS Method. *Farmacia*, 2020; 68(6): 1129. ISSN: 2065-0019, DOI: 10.31925/farmacia.2020.6.21 (**factor de impact 1.433**)

14. Miklos A, Tero Vescan A, **Farczadi L**, Imre S, Vari E, Muntean DL. Liquid Chromatography-Mass Spectrometry Methods For The Determination Of Andarine And Ostarine In Rat Serum After Protein Precipitation. *Farmacia*, 2019; 67(5): 772. ISSN: 2065-0019, DOI: 10.31925/farmacia.2019.5.4 (**factor de impact 1.607**)

15. Miklos A, Tero Vescan A, **Farczadi L**, Imre S, Vari E, Muntean DL. Development of an Analytical Methodology for the Qualitative and Quantitative Characterization of Capsules with Andarine, in Order to Use them to Investigate the Pharmacotoxicological Profile of the Substance. *Rev Chim*, 2019; 70(8): 2759. ISSN: 2668-8212, DOI: 10.37358/RC.19.8.7422 (**factor de impact 1.605**)

16. Pop LM, Varga E, Coroian M, Nedişan M, Mircean V, Dumitrache MO, **Farczádi L**, Fülöp I, Croitoru MD, Fazakas M, Györke A. Efficacy of a commercial herbal formula in chicken experimental coccidiosis. *Parasites & Vectors*, 2019; 12: 343. ISSN: 1756-3305, DOI: 10.1186/s13071-019-3595-4 (**factor de impact 2.824**)

17. Pavel IZ, Dehelean CA, **Farczadi L**, Muntean DM, Vlase L, Danciu C, Csuk R, Birsasteanu F, Muntean DM. Assessment of a Maslinic Acid Derivative and its Metabolite in Rat Blood by Liquid Chromatography Coupled with Mass Spectrometry. *Rev Chim*, 2017; 68(5): 1089. ISSN: 2668-8212, DOI: 10.37358/RC.17.5.5618 (**factor de impact 1.412**)

18. Varga A, Serban R C, Muntean D L, Tatar C M, **Farczadi L**, Tilea I. Rapid liquid chromatography tandem mass spectrometry determination of rivaroxaban levels in human plasma for therapeutic drug monitoring. *Rev Romana Med Lab*, 2017; 25(2): 145. ISSN: 2284-5623, DOI: 10.1515/rrlm-2017-0007 (**factor de impact 0.400**)

19. **Farczadi L**, Melles O, Vlase L, Tilea B. Liquid Chromatography Tandem Mass Spectrometry Determination Of Fluconazole Levels In Human Plasma For Bioavailability Studies. *Farmacia*, 2016; 64(1): 88. ISSN: 2065-0019 (**factor de impact 1.348**)

20. Sărăcuţ C, Copotoiu C, Molnar C, **Farczádi L**, Todoran N, Cârje A, Vlase L. High throughput, sensitive LC-MS/MS determination of bile acids in mouse feces and its application to monitoring their levels of excretion. *Rev Chim*, 2016; 67(6): 1154. ISSN: 2668-8212 (**factor de impact 1.232**)

21. Varga A, **Farczádi L**, Vlase L, Primejdie DP, Carasca E, Tilea I. Liquid Chromatography Tandem Mass Spectrometry Simultaneous Determination of Amlodipine and Telmisartan in Human Plasma for Therapeutic Drug Monitoring. *Rev Chim*, 2015; 66(10): 1675. ISSN: 2668-8212 (**factor de impact 0.956**)

22. Ghiciuc CM, Raducanu N, **Farczádi L**, Vlase L, Lupușoru CE, Mircioiu C, Tilea B. Rapid simultaneous LC/MS2 determination of rifampicin and 25-desacetyl rifampicin in human plasma for therapeutic drug monitoring. *Studia UBB Chemia*, 2015; LX(2): 309. ISSN: 2065-9520 (**factor de impact 0.148**)

2.2. Articole în reviste cotate ISI, fără factor de impact:

1. Tolomeiu R, Codreanu I, **Farczadi L**, Tamas-Krumpe O, Buta A, Samarghitan VB, Coman I, Hari AI, Ognean L. Analysis Of The Safety And Tolerance Of A Novel Oral Suspension With Ivermectin In Sheep. *Rev Rom Med Vet*, 2020; 30(3): 63. ISSN: 2457-7618 (**fără factor de impact**)

2.3. Articole în reviste cotate BDI/B+:

1. **Farczádi L**, Moldovan H, Duca RC, Imre S. A Quick, Simple, Sensitive and Selective LC-MS/MS Method Used for the Screening of Ethephon, Glyphosate and Aminomethylphosphonic Acid from Water and Food Samples. *Acta Biologica Marisiensis*, 2022; 5(1): 41
2. Stefanescu R, **Farczadi L**. Development and Validation of an LC-MS/MS Method for Protodioscin Identification and Quantification in Herbal Supplements with *Tribulus terrestris L*. *Acta Biologica Marisiensis*, 2020; 3(1): 53
3. **Farczadi L**, Vlase L, Melles O, Tolomeiu R, Tamas-Krumpe O, Buta A, Ognean L. The Statistical Analysis of Pharmacokinetic Parameters in the Context of Bioequivalence Testing of Two Anthelmintic Formulas Based on Ivermectine and Triclabendazole in Sheep. *Acta Medica Marisiensis*, 2019; 65(2): 60
4. Miklos A, Tero-Vescan A, **Farczádi L**, Muntean DL. Development and Validation of an UHPLC Method for Ostarine Determination in Dietary Supplements. *Acta Medica Marisiensis*, 2019; 65(2): 49
5. Vlad RA, **Farczadi L**, Imre S, Ciurba AD, Todoran N, Redai E, Antonoaea P, Muntean DL. New UHPLC Method for Cannabidiol Determination in Hard Capsules. *Acta Medica Marisiensis*, 2019; 65(2): 45
6. Tolomeiu R, Spataru S, Stan F, Tamaș O, Buta A, **Farczádi L**, Ognean L. The Relevance Of A Metabolic Profile Analysis In The Protocol Of Testing The Bioequivalence Of Anthelmintic Products On Sheep. *Lucrari Stiintifice: Medicina Veterinara*, 2018; 61(20)-P3: 164

7. Sărăcuț C, Molnar C, **Farczádi L**, Vlase L, Tero-Vescan A, Todoran N, Copotoiu C. Determination of Secondary Bile Acids in the Mice Feces. Controversies on their Involvement in the Pathogenesis of Colorectal Cancer. Acta Medica Marisiensis, 2015; 61(4): 287

2.3. Articole publicate în rezumat în revistele și volumele unor manifestări științifice:

1. **Farczádi L**, Bărcuțean L, Imre S. The role of liquid chromatography-mass spectrometry in modern medicine – assessing the impact of microbiota by short chain fatty acids assay. UMPHST Book of Abstracts, Toward Precision Medicine in Multiple Sclerosis Management, 2022, pg. 41
2. Butiulca M, **Farczadi L**, Lazăr A, Butiulca D. Biomonitoring ropivacaine from plasma and tissue. UMPHST Book of Abstracts, International Conference of PhD Students and Young Doctors, 2022, pg. 94
3. **Farczadi L**, Moldovan H, Duca RC, Imre S. Difficulties and strategies of biomonitoring occupational exposure to Glyphosate. UMPHST Book of Abstracts, Scientific Session of University Academic Staff, 2021, pg. 42
4. **Farczadi L**, Imre S, Hutanu A, Dobreanu M. Development of a simple LC-MS/MS method for the determination of polyunsaturated fatty acids from human red blood cells and plasma. UMPHST Book of Abstracts, Scientific Session of University Academic Staff, 2020, pg. 27
5. A Huțanu, M Zaharia, **L Farczadi**, R Pop, I Pașcanu, M Dobreanu. Omega-6/omega-3 ratio altered in obese children. Rev Romana Med Lab, 2020; 28(S1): 83. ISSN: 2284-5623 (**ISI, factor de impact 1.027**)
6. Chioreanu RC, **Farczádi L**, Imre S, Dobreanu M. Determination of Omega index using liquid-chromatography tandem mass spectrometry, Acta Marisiensis Seria Medica, 2020, 66(S3), pg. 93. International Congress for Students, Young Doctors and Pharmacists Marisiensis.
7. E Varga, I Fülöp, **L Farczádi**, M Fazakas, MD Croitoru. Polyphenolics from Romanian native medicinal plants and used in veterinary medicine. Planta Medica, 2019, 85(18): 1430. ISSN: 1439-0221 (**ISI, factor de impact 2.687**)
8. Al Negroiu, CE Vari, **Farczadi L**, R Ștefănescu. The effects of tribulus terrestris on testosterone levels of diabetic rats. Acta Medica Marisiensis, 2019, 65(S1): 69

9. Vlad RA, **Farczadi L**, Imre S, Ciurba A, Antonoaea P, Todoran N. Quantitative determination of cannabidiol found on Romanian the market. UMPHST Book of Abstracts, International Conference of PhD Students and Young Doctors, 2018, pg. 111
10. Miklos A, **Farczádi L**, Tero-Vescan A, Imre S, Muntean DL. Preliminary qualitative and quantitative studies of dietary supplements (capsules) with andarine to aid with the design of an animal doping model. UMPHST Book of Abstracts, International Conference of PhD Students and Young Doctors, 2018, 110
11. Miklos A, Gliga L, Dehelean C, Vari CE, Imre S, **Farczadi L**. Development of a high-throughput LC-MS/MS method for the detection of testosterone in male rat plasma without derivatisation. Acta Medica Marisiensis, 2017, 63(S4): 10
12. **Farczadi L**, Melles O, Vlase L, Tilea B. Liquid chromatography tandem mass spectrometry determination of fluconazole levels in human plasma for bioavailability studies. Medicine and Pharmacy Reports, 2015, 88(S3): S155