

Activitate științifică – Lista lucrări

Candidat: Vlad Robert-Alexandru

Poziția: Conferențiar universitar, poziția 20

a) Lista lucrări relevante pentru domeniul tehnologie farmaceutică:

1. Pinte C. **Vlad RA.*** Antonoaea P. Rédai EM. Bîrsan M. Barabás E-C. Manea A. Pușcaș IA. Ciurba A. Innovative Epicardial Bigels Containing Amiodarone Hydrochloride: Pharmacotechnical and Analytical Characterization. *Pharmaceutics* 2024; 17(11), 1511. <https://doi.org/10.3390/ph17111511>. FI: 4.3, Q1 (Pharmacology and Pharmacy). autor corespondent
2. Rédai EM. Péterfi O. Gergely AL. Barabás E. Pinte A. Antonoaea P. **Vlad RA.** Todoran N. Cotoi CT. Ciurba A. Sipos E. Production, Characterization, and In Vitro Antifungal Evaluation of Itraconazole-Loaded Fibrous Sheets Prepared by Electrospinning with a Factorial Design. *Applied Sciences*. 2025, 15(2): 710. <https://doi.org/10.3390/app15020710>. FI: 2,5. Q1. Coautor.
3. Dima A. Dragosloveanu M. Romila AR. Cristea A. Marinică G. Dănilă A.-T. Mandici A. Cojocariu D. **Vlad R.A.*** Ciurba A. Bîrsan M. Can Hyaluronic Acid Combined with Chondroitin Sulfate in Viscosupplementation of Knee Osteoarthritis Improve Pain Symptoms and Mobility? *Biomolecules* 2024, 14(7): 832. <https://doi.org/10.3390/biom14070832>. FI: 4.8. Q1 (Biochemistry and Molecular Biology). autor corespondent
4. **Vlad RA.** Dudici (Vlăgea) TC. Syed MA, Antonoaea P. Redai EM. Todoran N. Cotoi CT. Bîrsan M. Ciurba A. Impact of the Preparation Method on the Formulation Properties of Allantoin Hydrogels: Evaluation Using Semi-Solid Control Diagram (SSCD) Principles. *Gels* 2024, 10: 58. <https://doi.org/10.3390/gels10010058>. FI: 5.0, Q1.
5. Ciurba A. Popescu AG. **Vlad RA***. Redai E. Todoran N. Cotoi CT. Bîrsan M. Antonoaea P. Development and evaluation of bigels containing naproxen sodium for topical administration 2023, 71(4): 771-780, <https://doi.org/10.31925/farmacia.2023.4.13>. FI: 1.4. Q4. autor corespondent
6. **Vlad RA.** Pinte C. Chirteș D. Antonoaea P. Redai EM. Todoran N. Bîrsan M. Ciurba A. The Influence of the Intergranular Superdisintegrant Performance on New Drotaverine Orodispersible Tablet Formulations. *Pharmaceutics* 2023, 15: 2147. [10.3390/pharmaceutics15082147](https://doi.org/10.3390/pharmaceutics15082147), FI: 4.9. Q1.
7. **Vlad RA.** Pinte A. Coaicea M. Antonoaea P. Rédai EM. Todoran N. Ciurba A. Preparation and Evaluation of Caffeine Orodispersible Films: The Influence of Hydrotropic Substances and Film-Forming Agent Concentration on Film Properties. *Polymers* 2023, 15(9): 2034. <https://doi.org/10.3390/polym15092034>. FI: 4,7. Q1.
8. **Vlad RA.** Antonoaea P. Todoran N. Rédai, 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, <https://doi.org/10.3390/pharmaceutics14071467>. FI: 5.4, Q1.
9. **Vlad RA.** Antonoaea P. Todoran N. Muntean DL. Redai EM. Silasi OA. Tătaru A. Bîrsan M. Imre S. Ciurba A. Pharmacotechnical and analytical preformulation studies for cannabidiol orodispersible tablets *SPJ* 29(9): 2021: 1029-1042. <https://doi.org/10.1016/j.jsps.2021.07.012>. FI: 4,562, Q2.
10. **Vlad RA.** Sovany T. Kristó K. Ibrahim Y.HE.Y. Ciurba A. Aigner Z. Muntean DL. Regdon G. Structural and thermal analysis of cannabidiol orodispersible formulations. *Farmacia* 2021, 69(3): 426-433, <https://doi.org/10.31925/farmacia.2021.3.5>, FI: 1.55, Q4.

b) **Titlul tezei de doctorat:** Obținerea de preparate orodispersabile cu canabidiol, 2022, conducător științific: Prof. dr. Daniela-Lucia Muntean, Universitatea de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade” din Târgu Mureș, calificativ: Excelent - Summa Cum Laude, Ordinul Ministrului Educației: 6275/21.11.2022, privind atribuirea titlului de doctor.

c) **Cărți de specialitate (2):**

- a. **Vlad RA.** Ciurba A. Antonoaea P. Utilizarea sistemelor expert SeDeM, SeDeM-ODT și SeDeM-SLA la dezvoltarea de noi preparate farmaceutice, Editura University Press, 2022, 87 pg, ISBN 978-606-581-181-2, Cod 210.
- b. **Vlad RA.** Rédai EM. Ciurba A. Antonoaea P. Tehnologii farmaceutice aplicate. Ghid de lucrări practice, Editura University Press, 2025, 106 pg, ISBN 978-973-169-911-0, Cod 210.

d) **Capitole în volume colective:** -

e) **Articole publicate in extenso**

i. Articole în reviste cotate ISI cu factor de impact

- **Articole ISI publicate după susținerea examenului pentru postul de șef lucrări (16, dintre care 4 prim autor, 5 autor principal, 7 coautor)**

1. **Vlad R.A.** Pinte A. Antonoaea P. Redai E.M. Cotoi C.T. Bîrsan M. Ghica D.C. Ciurba A. Challenges in analyzing and manufacturability of orodispersible films: excipients and method correlation. RJOR 2025, 17(1): 561-572. DOI: 10.62610/RJOR.2025.1.17.55. FI: 0,6, Q4.
2. Blebea, N.M.; Pușcașu, C.*; **Vlad, R.-A.***; Hancu, G. Chitosan-Based Gel Development: Extraction, Gelation Mechanisms, and Biomedical Applications. Gels 2025, 11: 275. <https://doi.org/10.3390/gels11040275>. FI=5.0, Q1. Coautor.
3. Ștefănescu R. **Vlad R-A.*** Imre S. Tero-Vescan A. Ósz B.-E. Sita D-D. Farczádi L. Development and validation of an LC-MS/MS method for the quantification of six cannabinoids in commercial products. Studia UBB Chemia 2024, LXX(1): 173-190. DOI:10.24193/subbchem.2025.1.12. FI: 0.5. Q4. autor corespondent
4. Rédai EM. Péterfi O. Gergely AL. Barabás E. Pinte A. Antonoaea P. **Vlad RA.** Todoran N. Cotoi CT. Ciurba A. Sipos E. Production, Characterization, and In Vitro Antifungal Evaluation of Itraconazole-Loaded Fibrous Sheets Prepared by Electrospinning with a Factorial Design. Applied Sciences. 2025, 15(2): 710. <https://doi.org/10.3390/app15020710>. FI: 2,5. Q1. Coautor.
5. Pinte A. Manea A. Pinte C. **Vlad RA.** Bîrsan M. Antonoaea P. Rédai EM. Ciurba A. Peptides: Emerging Candidates for the Prevention and Treatment of Skin Senescence: A Review. Biomolecules 2025, 15(1): 88. <https://doi.org/10.3390/biom15010088>. FI: 4.8. Q1.
6. Redai EM. Peterfi O. **Vlad RA.** Antonoaea P. Todoran N. Ciurba A. Fulop I. Barabas E. Sipos E. Formulation and evaluation of antifungal miconazole nitrate medicated soap. Studia UBB Chemia 2024, LXIX (4): 67-83. DOI:10.24193/subbchem.2024.4.05. FI: 0.5. Q4.
7. Szekely-Szentmiklosi I. Redai EM. **Vlad RA.** Szabo Z. Kovacs B. Gergely L. Albert C. Szekely-Szentmiklosi B. Sipos E. Microencapsulation of *Salvia officinalis* L. essential oil by complex coacervation technology. Studia UBB Chemia 2024 LXIX (3): 221-241. DOI:10.24193/subbchem.2024.3.14. FI: 0.5. Q4.

8. Bîrsan M. Focşa AV. Scripcariu Ş.I. Antonoaea P.* Pinte C. Vlad R.A. Scutariu M.M. Ciurba A. Texture analysis and comparative screening of the sensory properties of new skincare products. *Farmacia* 2024, 72(4): 875-884. <https://doi.org/10.31925/farmacia.2024.4.16>. FI: 1.4. Q4.
9. Dima A. Dragosloveanu M. Romila AR. Cristea A. Marinică G. Dănilă A.-T. Mandici A. Cojocariu D. **Vlad R.A.*** Ciurba A. Bîrsan M. Can Hyaluronic Acid Combined with Chondroitin Sulfate in Viscosupplementation of Knee Osteoarthritis Improve Pain Symptoms and Mobility? *Biomolecules* 2024, 14(7): 832. <https://doi.org/10.3390/biom14070832>. FI: 4.8. Q1 (Biochemistry and Molecular Biology). autor correspondent
10. Blebea NM. Pricopie AI. **Vlad RA.*** Hancu G. Phytocannabinoids: Exploring Pharmacological Profiles and Their Impact on Therapeutical Use. *International Journal of Molecular Sciences*. 2024, 25(8): 4204. <https://doi.org/10.3390/ijms25084204>. FI: 4.9, Q1 Biochemistry and molecular biology. autor corespondent
11. **Vlad RA.** Dudici (Vlăgea) T-C. Syed MA. Antonoaea P. Redai EM. Todoran N. Cotoi CT. Bîrsan M. Ciurba A. Impact of the Preparation Method on the Formulation Properties of Allantoin Hydrogels: Evaluation Using Semi-Solid Control Diagram (SSCD) Principles. *Gels* 2024, 10: 58. <https://doi.org/10.3390/gels10010058>. FI: 5.0. Q1.
12. Bîrsan M. Focşa AV. Cristofor AC. Scripcariu SI*. Antonoaea P. **Vlad RA***. Todoran N. Ciurba A. Stan CI. Apostol MM. Stan CD. Healthcare Service Quality Evaluated Using the Degree of Satisfaction of Patients in Romanian Community Pharmacies. *Healthcare* 2023, 11(23): 3038. <https://doi.org/10.3390/healthcare11233038>. FI: 2.4, Q2.
13. Ciurba A. Popescu AG. **Vlad RA.*** Redai E. Todoran N. Cotoi CT. Bîrsan M. Antonoaea P. Development and evaluation of bigels containing naproxen sodium for topical administration. 2023, 71(4): 771-780. <https://doi.org/10.31925/farmacia.2023.4.13>. FI: 1.4. Q4. Autor corespondent.
14. **Vlad RA.** Pinte C. Chirteş D. Antonoaea P. Redai EM. Todoran N. Bîrsan M. Ciurba A. The Influence of the Intergranular Superdisintegrant Performance on New Drotaverine Orodispersible Tablet Formulations. *Pharmaceutics* 2023, 15: 2147. [10.3390/pharmaceutics15082147](https://doi.org/10.3390/pharmaceutics15082147). FI: 4,9, Q1.
15. Antonoaea P. Ciurba A. Redai E. **Vlad RA.*** Cotoi CT. Bîrsan M. Todoran N. Design and characterization of new dermal polymeric films for treatment of inflammatory pain. *Farmacia*. 2023; 71(3): 471-479. [10.31925/farmacia.2023.3.4](https://doi.org/10.31925/farmacia.2023.3.4). FI: 1,4, Q4. autor corespondent
16. **Vlad RA.** Pinte A. Coaicea M. Antonoaea P. Redai EM. Todoran N. Ciurba A. Preparation and Evaluation of Caffeine Orodispersible Films: The Influence of Hydrotropic Substances and Film-Forming Agent Concentration on Film Properties. *Polymers* 2023, 15(9): 2034. <https://doi.org/10.3390/polym15092034>. FI: 4,7, Q1.

- **Articole ISI publicate anterior susținerii examenului pe postul de șef lucrări (21 dintre care 5 prim autor, 1 autor principal, 15 coautor)**

- Blebea NM. Hancu G. **Vlad RA**. Pricopie A. Applications of Capillary Electrophoresis for the Determination of Cannabinoids in Different Matrices. *Molecules* 2023, 28: 638. 10.3390/molecules28020638. FI: 4,2, Q2.
- Redai EM. Sipos E.* **Vlad RA**. Antonoaea P. Todoran N. Ciurba A. Development of Co-amorphous loratadine-Citric Acid Orodispersible Drug Formulations. *Processes* 2022, 10: 2722. <https://doi.org/10.3390/pr10122722>. FI: 3,5, Q2.
- Pintea A.[†] **Vlad RA**.[†] Antonoaea P.* Rédai EM. Todoran N. Barabás EC. Ciurba A. Structural Characterization and Optimization of a Miconazole Oral Gel. *Polymers* 2022, 14: 5011. <https://doi.org/10.3390/polym14225011>. FI: 5,0, Q1.
- Bîrsan M. Stan CD. Focșa AV. Popovici D. Dănilă AT. Antonoaea P. **Vlad RA**. Todoran N. Ciurba A. Biomimetic complex cream formulation, properties, tolerance and moisturizing effectiveness on skin. *Med Surg J* 2022, 126(2): 281-290. doi: 10.22551/MSJ.2022.02.17. ISI, FI: 0,1, Q4.
- Bîrsan M. Gore E. Stan CD. Cristofor AC. Palimariciuc M. Scripcariu S-I. Antonoaea P. **Vlad RA**. Todoran N. Ciurba A. Development and evaluation of hydrophilic cream bases suitable for custom cosmetic skincare or compounding pharmaceutical dermal products. *Farmacia* 2022, 70(5): 880-889. <https://doi.org/10.31925/farmacia.2022.5.13>. FI: 1,6, Q4.
- Antonoaea P. Ciurba A. **Vlad RA**. Redai E. Todoran N, Cârje AG. A new High performance Liquid chromatography for the determination of indomethacin from transdermal therapeutic systems. *Studia UBB Chemia*, 2022, LXVII, 3: 101-108, DOI:10.24193/subbchem.2022.3.07. FI: 0,3, Q4.
- Antonoaea P. **Vlad RA**.* Redai E. Todoran N. Bîrsan M. Ciurba A. Development and evaluation of indomethacin liposomal systems. *Med Surg J* 2022, 126(3): 436-442, doi: 10.22551/MSJ.2022.03.16. FI: 0,1, Q4, autor de corespondență
- Vlad RA**. Antonoaea P. Todoran N. Rédai, 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. <https://doi.org/10.3390/pharmaceutics14071467>. FI: 5.4, Q1.
- Rédai EM. Kovács O. Szabó ZI. Gergely A. Antonoaea P. Todoran N. Ciurba A. **Vlad RA**. Dónáth-Nagy G. Sipos E. Fluoxetine containing pvp-based electrospun nanofibers. *Acta Poloniae Pharmaceutica – Drug Research* 2021, 78(4): 563–571, 10.32383/appdr/142072, ISSN 2353-5288, FI: 0,555, Q4.
- Vlad RA**. Antonoaea P. Todoran N. Muntean DL. Redai EM. Silasi OA. Tătaru A. Bîrsan M. Imre S. Ciurba A. Pharmacotechnical and analytical preformulation studies for cannabidiol orodispersible tablets. *SPJ* 2021, 29(9): 1029-1042. <https://doi.org/10.1016/j.jsps.2021.07.012>. FI: 4,562. Q2.
- Vlad RA**. Farczadi L. Toma CM. Imre S. Antonoaea P. Rédai EM. Muntean DL. Ciurba A. Cannabidiol content evaluation in Commercial Dietary Supplements and Stability in Oil Vehicle. *Studia UBB Chemia* 2021, LXVI(2): 299-308. FI: 0,558, Q4.

28. **Vlad RA.** Sovany T. Kristó K. Ibrahim Y. H-E. Y. Ciurba A. Aigner Z. Muntean D-L. Regdon G. Structural and thermal analysis of cannabidiol orodispersible formulations. *Farmacia* 2021, 69(3): 426-433, <https://doi.org/10.31925/farmacia.2021.3.5>, FI: 1.55, Q4.
29. Redai EM. Antonoaea P. Todoran N. **Vlad RA.** Bîrsan M. Tătaru A. Ciurba A. Development and Evaluation of Fluoxetine Fast Dissolving Films: An Alternative for Noncompliance in Pediatric Patients, *Processes*, 2021, 9: 778. eISSN: 2227-9717, <https://doi.org/10.3390/pr9050778>. FI: 3,352, Q2.
30. Antonoaea P. Redai EM. Bîrsan M. Tătaru A. Todoran N. **Vlad RA.** Muntean DL. Ciurba A. Dissolution kinetic of meloxicam from hydrophilic matrix-type for transdermal therapy. *Farmacia* 2021, 69: 100-106, ISSN 0014-8237, FI: 1,55, Q4.
31. Ciurba A. Antonoaea P. Todoran N. Redai E. **Vlad RA.** Tătaru A. Muntean DL. Bîrsan M. Polymeric Films Containing Tenoxicam as Prospective Transdermal Drug Delivery Systems: Design and Characterization, *Processes*, 2021, 9: 136, eISSN: 2227-9717, <https://doi.org/10.3390/pr9010136>. FI: 3,352, Q2.
32. **Vlad RA.** Hancu G. Ciurba A. Antonoaea P. Redai EM. Todoran N. Silași O. Muntean DL. Cannabidiol – therapeutic and legal aspects, *die Pharmazie* 2020, 75: 463-469, ISSN 0031-7144, **FI: 1,267**, Q4.
33. Bîrsan M. Cristofor AC. Antonoaea P. Todoran N. Bibire N. Pananinte AD. **Vlad RA.** Grigore M. Ciurba A. Evaluation of miconazole nitrate permeability through biological membrane from dermal systems. *Farmacia* 2020, 68(1): 111-115, ISSN 0014-8237, ISI, FI: 1,433, Q4.
34. Antonoaea P. Bîrsan M. Todoran N. Redai E. **Vlad RA.** Muntean DL. Rusu A. Ciurba A. Comparative analysis of the performance of indomethacin from transdermal therapeutic systems. *Farmacia* 2020, 68(6): 1029-1035, ISSN 0014-8237, FI: 1,433, Q4.
35. Todoran N. Ciurba A. Vancea S. Vari CE. Dogaru MT. Tăurean A. Muntean DL. **Vlad RA.** Gligor F. Bioavailability of valproate suppositories formulated for paediatric use. *Farmacia* 2017, 65(5): 741-747, ISSN 0014-8237 (print), ISSN 2065-0019 (on-line), FI: 1,507, Q4.
36. Tilinca M. Hancu G. Mircia E. Iriminescu D. Rusu A. **Vlad RA.** Barabás E. Simultaneous determination of isoniazid and rifampicin by UV spectrophotometry. *Farmacia* 2017, 65(2): 219-224, ISSN 0014-8237 (print), ISSN 2065-0019 (on-line), FI: 1,507, Q4.
37. Hancu G. Hilochie A. **Vlad RA.** Cârje A. Tero-Vescan A. Enantiomeric separation of sibutramine by capillary zone electrophoresis. *Journal of the Brazilian Chemical Society*, 2016, 26(7): 1116-1120, ISSN 1678-4790 (online), ISSN 0103-505 (print), FI: 1,198, Q4.

ii. Articole în reviste cotate ISI, fără factor de impact (1)

1. **Vlad RA.** Hancu G. Popescu GC. Lungu IA. *Doping in sports, a never-ending story?* *APB*, 2018, 8(3):529-534, ISSN: 2228-5881 eISSN: 2251-7308, fără FI.

iii. Articole în reviste indexate BDI

- **Articole BDI publicate după susținerea examenul pentru postul de șef lucrări (10 articole originale dintre care 7 autor principal și 3 coautor)**

1. Pinte C. **Vlad RA.*** Antonoaea P. Réдай EM. Bîrsan M. Barabás EC. Manea A. Pușcaș IA. Ciurba A. Innovative Epicardial Bigels Containing Amiodarone Hydrochloride: Pharmacotechnical and Analytical Characterization. *Pharmaceuticals*. 2024; 17(11): 1511. <https://doi.org/10.3390/ph17111511>. FI: 4,3, Q1 (Pharmacology and Pharmacy). Autor corespondent **(1 ISI Q1=7 BDI)**
2. Bîrsan M. Cristofor AC. Tuchiluș C. Crivoi F. **Vlad RA.** Pinte C. Antonoaea P. Ciurba A. Development of cream bases suitable for personalized cosmetic products. *Medicine and Pharmacy Reports* 2024, 97(3): 255-264. (indexat PubMed: <https://pubmed.ncbi.nlm.nih.gov/39234452/>).
3. Olar D. Boda F. Tero-Vescan A. **Vlad RA.** Ștefănescu R. Indigenous Cannabis sativa – the pharmacognostical analysis of a weed-type variety. *ABMJ* 2024, 7(1): 1-12. DOI: 10.2478/abmj-2024-0001. Indexat EBSCO.
4. Redai EM. Jakab B. **Vlad R.A.** Antonoaea P. Todoran N. Sipos E. Ciurba A. Development of semisolid pharmaceutical forms with mometasone furoate. *AM-SM*, 2023;69(4):280-284, DOI: 10.2478/amma-2023-0045. Indexat Scopus: <https://www.scopus.com/pages/publications/85182625782>.
 - **Articole BDI publicate înainte de examenul pe postul de șef lucrări (10 dintre care 5 articole prim autor, 1 autor principal, 4 coautor)**
5. **Vlad RA.** Antonoaea P.* Redai E-M. Muntean DL. Todoran N. Bîrsan M. Tătaru A. Ciurba A. *Soy polysaccharides therapeutic and technological aspects*, *AM-SM* 2021, 67(4): 199-203. indexat Scopus:<https://www.scopus.com/record/display.uri?eid=2-s2.0-85124019576&origin=resultslist&sort=plf-f>.
6. **Vlad RA.** Trifan EB. Antonoaea P. Redai EM. Kovacs B. Todoran N. Tătaru A. Ciurba A. Developing and evaluation of orodispersible tablets containing caffeine, *Romanian Journal of Pharmaceutical Practice* 2021, 14(1): 34-40, ISSN 2066-5563, e-ISSN 2069-6671, indexat DOAJ: <https://doaj.org/article/dc98c2b423454176a3f5a9f36c195066>.
7. Antonoaea P. Todoran N. Redai E. **Vlad RA***. Bîrsan M. Rusu A. Ciurba A. Ibuprofen in the current practice of the pharmacist in the community pharmacy, *Romanian Journal of Pharmaceutical Practice*, 2020, XIII(3): 115-120, ISSN 2066-5563, e-ISSN 2069-6671, indexat DOAJ: <https://doaj.org/article/5f6ce9f7212645678496989d99a16fe8>, autor de corespondență.
8. **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): 45-48, ISSN: 2668-7755, eISSN: 2668-7763, indexat Sciendo: <https://sciendo.com/it/article/10.2478/amma-2019-0007>.
9. Antonoaea P. Cârje AG. Ciurba A. Todoran N. **Vlad RA.** Muntean DL. Validation of High-Performance Liquid Chromatography Methods for Determination of Meloxicam and Tenoxicam from Transdermal Therapeutic Systems. *Acta Medica Marisiensis* 2017, 63(4): 178-182, ISSN: 2668-7755, eISSN: 2668-7763, indexat: Sciendo. <https://sciendo.com/it/article/10.1515/amma-2017-0033>.

10. Vlad RE. Tilinca M. Mircia E. **Vlad RA.** Stăcescu Ș. Hancu G. Tănase C. Monea M. Băncescu G. Phenotypic characterization of gram-positive cocci strains isolated from infections localized in the oro-maxillo-facial sphere, *Annals of the Romanian Society for Cell Biology* 2017, 21(2): 23-27, ISSN: 1583-6258, indexat: Scopus, <https://www.scopus.com/record/display.uri?eid=2-s2.0-85037636569&origin=results list&sort=plf-f>.
11. **Vlad RA.** Hancu G. Kelemen H. Ciurca D. Tero-Vescan A. Analytical methodologies for the stereoselective determination of sibutramine: an overview, *Acta Medica Marisiensis* 2017, 63(2): 52-55, ISSN: 2668-7755, eISSN: 2668-7763, indexat Sciendo: <https://sciendo.com/it/article/10.1515/amma-2017-0021>.
12. **Vlad RA.** Lungu A. Can a person with attention deficit disorder be an athlete?, *Acta Medica Marisiensis* 2017, 63(2): 110-114, ISSN: 2668-7755, eISSN: 2668-7763, indexat Sciendo: <https://sciendo.com/it/article/10.1515/amma-2017-0030>.
13. Mircia E. Tănase C. **Vlad RA.** Hancu G. Kelemen H. Tilinca M. Capillary electrophoresis in the analysis of hypolipidemic drugs, *Studia Universitas "Vasile Goldiș" Seria Științele Vieții*, 2016, 26(4): 403-409, ISSN: 1584-2363, e-ISSN: 1842-7863, indexat Scopus: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85015032798&origin=results list&sort=plf-f>.
14. Modroiu A. Hancu G. **Vlad RA.** Stăcescu Ș. Soare R. Kelemen H. Simultaneous determination of amlodipine and telmisartan from pharmaceutical products by capillary electrophoresis, *Current Issues in Pharmacy and Medical Sciences* 2016, 29(1): 42-45, ISSN 2084- 980X, eISSN 2300-6676, indexat Scopus: <https://www.scopus.com/pages/publications/84971595300>.

iv. Articole publicate în rezumat (61)

1. **Vlad RA.** Antonoaea P. Redai EM. Cotoi CT. Rus SD. Bogdan AT. Ciurba A. The assessment of olanzapine dissolution profiles from preparations obtained through direct compression employing biomimetic dissolution media. George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures, University Days, December 9-13 2024, Targu Mures, Scientific Session of University Academic Staff.
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