



Student Research Group

DESIGNING PHARMACEUTICAL AND COSMETICS FORMULATIONS

Academic year 2025-2026

Acronym: PHARMCOSMART

Permanent members:

• **Head Research Coordinator, PhD Coordinator:**

Professor Adriana-Daniela CIURBA, PhD Habil.; e-mail: adriana.ciurba@umfst.ro

• **Research Coordinators:**

Associated Professor Nicoleta TODORAN, PhD; e-mail: nicoleta.todoran@umfst.ro

Associated Professor RÉDAI Emőke Margit, PhD; e-mail: emoke.redai@umfst.ro

Associated Professor Paula ANTONOAEA, PhD; e-mail: paula.antonoea@umfst.ro

Associated Professor Robert-Alexandru VLAD, PhD; e-mail: robert.vlad@umfst.ro

Senior Lecturer Cornelia Titiana COTOI, PhD; e-mail: titiana.cotoi@umfst.ro

• **Laboratory Supervisors:**

Assistant lecturer Cezara PINTEA, PhD student; e-mail: cezara.pintea@umfst.ro

Assistant lecturer Andrada PINTEA, PhD student; e-mail: andrada.pintea@umfst.ro

Chemist technician DUMITRU Éva

Technician Laura NAGY

Licensed cosmetologist Aneta ADAM

Contact:

Telephone: +40-265-215 551 ext. 356, 372 or 373.

George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures,
Faculty of Pharmacy, Department of [Pharmaceutical technology and cosmetology](#).

38 Gheorghe Marinescu Street, Targu Mures, 540142, ROMANIA. Website: www.umfst.ro

Students currently involved:

• **BACHELOR STUDIES**

[Pharmacy](#) 5th Year

ÁBRAHÁM Krisztina
DOBOS Dóra
Teodora-Cătălina DUDICI
Izabela-Tünde FERENCZ
KOSZMA Melinda
Paula-Alexandra POP
Adelina-Elena SICOBEANU
SZMUTKU Regina-Maria

[Pharmacy](#) 4th Year

KODORI Andrea-Szidónia
MOLNAR Valentin-Imre
Denisa-Patricia OLTEAN
PIRI Szilvia-Izabella
POPOVITS Gertrud-Mercedes
SZABÓ Anna
SZABÓ Á. Antónia
SZŐCS Boglárka

[Medical cosmetics](#) 3rd Year

BENEDEK Sarolta
Denisa-Ioana COSTA
CSIKI Henrietta
Maria-Antonia JAKAB
MAGYARI Anett
FÁBIÁN Szende-Viola
Adina ŞUHANEA
Eugenia TUTUNARU

[Pharmacy assistance](#) 3rd Year

Silvia HUZA
Lorena-Alexia JANCSIKA
Anca RAD

[Medicinal Chemistry](#)

[Technological Chemistry](#)

• **MASTER STUDIES**

**[Cosmetology and dermopharmacy](#)
2nd Year**

Ana-Maria BALAN
Andreea BUSUIOC
Cornelia-Titiana COTOI
Iulia-Andra DAMASCHIN
Alexandra-Adelina FILIP
Erika JENEI
Cezara PINTEA

• **DOCTORAL STUDIES**

**[Pharmaceutical Technology and
Cosmetology](#)**

Andrada PINTEA (3rd Year)
Cezara PINTEA (2nd Year)

Research topics:

• Specific ongoing research topics:

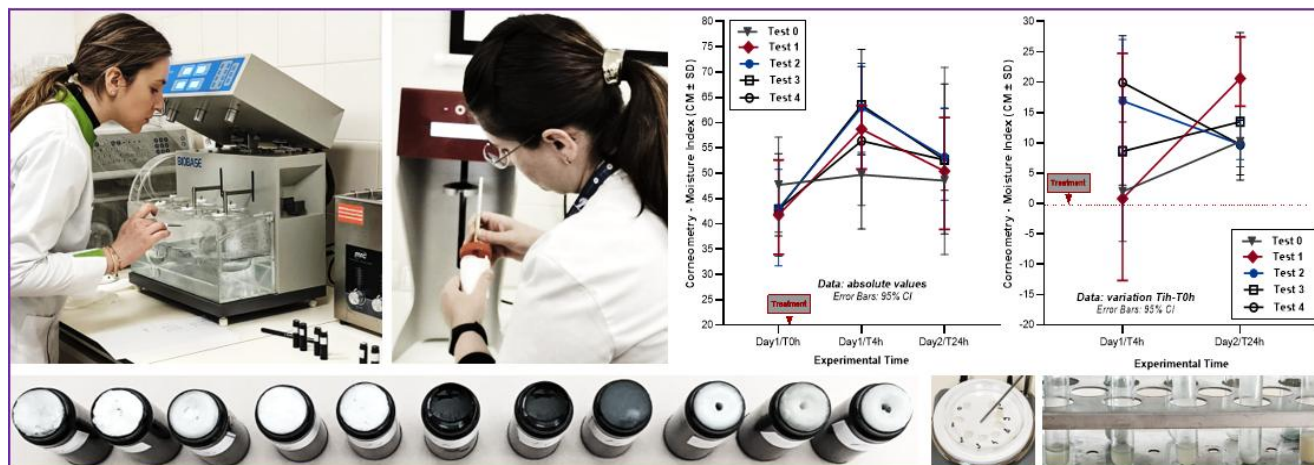
- Development and optimization of polymeric nanoparticles.
- Exploring lipid based nanoparticles as pharmaceutical drug carriers.
- Hyaluronic acid applications in cosmetology.
- New serums formulations for antiaging treatment.
- Medical and cosmetic treatments for post-acne scars and other aesthetic surgery scars.
- Incorporation of plant lyophilisates in antioxidant creams.
- Optimization of the gel-forming agent in the case of hydrogels.

• General fields addressed in research:

- Development of new pharmaceutical or cosmetic formulations: tablets (classic/modified release), pellets, hydrophilic gels, microemulsions, nanodispersions, transdermal patches.
- Methods and mechanisms for dermal and transdermal drugs skin delivery.
- Active pharmaceutical ingredient and excipients interactions (DSC, IR analysis).
- Cosmetic care techniques and alternative treatment methods.
- Manufacturing techniques and quality control tests presented form of images, animations, video films.
- Mathematical and statistical analysis methods applied in studies of pharmaceutical or cosmetic formulation, using some specific software.
- Development and evaluation of orodispersible formulations (ODx): orodispersible tablets (ODTs), orodispersible films (ODFs), oral lyophilisates (OLs).
- The use of (Sediment Delivery Model) SeDeM, SeDeM-ODT, SeDeM-SLA and SSCD in the development of pharmaceutical formulations.

Research infrastructure (relevant items):

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| <ul style="list-style-type: none"> – Bath thermostatic – Bath ultrasonic – Calorimeter differential scanning (DSC) – Capsule filling machine – Densimeter electronic – Diffuzion Franz cell system – Dissolution automated tester – Extruder (mini / micro / nano-disperser) – HPLC-UV system | <ul style="list-style-type: none"> – Lyophilizer system – Micrometer – Microscope digital – Mixing / Dispersion / Homogenization system – Oven (dryer / sterilizer) – Penetrometer – pH/conductometer – Shaker vibratory sieves system – Skin analyzers (scientific / professional) | <ul style="list-style-type: none"> – Skin tratment systems (mechanical, electrical, ultrasonic / simple or combined applicators) – Spectrophotometer UV/VIS system – Stirrers overhead – Stirrers magnetic – Rheometer/Viscometer – Tablet exccentric press – Texture analyzer system |
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1 Relevant *in extenso* ISI/BDI articles of the research team with students' contribution (*student):

● Ongoing Academic Years:

1. Bîrsan M, Gore E, Scripcariu ȘI, Vlad RA, Antonoaea P, ***Pintea C**, ***Pintea A**, ***Cotoi CT**, Focșa AV, Ciurba A. *Multi-Active Cosmeceutical Formulations: Stability, Sensory Performance, and Skin Tolerability*. *Cosmetics*. **2025**; 12: 195. IF: 3.200. DOI: <https://doi.org/10.3390/cosmetics12050195>.
2. Vlad RA, ***Pintea A**, Antonoaea P, Rédai EM, Bîrsan M, Hancu G, Farczádi L, Imre S, Muntean DL, Sovány T, Kristó K, Ludasi K, Regdon G Jr, Ciurba A. *Exploring the interconnected properties of cannabidiol suspensions and orodispersible films*. *Sci Rep*. **2025**, 15: 21564. IF: 3.900. DOI: <https://doi.org/10.1038/s41598-025-02859-2>.
3. Vlad RA, ***Pintea A**, ***Pintea C**, Rédai EM, Antonoaea P, Bîrsan M, Ciurba A. *Hydroxypropyl Methylcellulose - A Key Excipient in Pharmaceutical Drug Delivery Systems*. *Pharmaceutics*. **2025**; 17(6):784. IF: 5.500. DOI: <https://doi.org/10.3390/pharmaceutics17060784>.
4. Vlad RA, ***Pintea A**, Antonoaea P, Redai EM, ***Cotoi CT**, Bîrsan M, Ghica DC, Ciurba A. *Challenges in analyzing and manufacturability of orodispersible films: excipients and method correlation*. *RJOR*. **2025**; 17(1), 561-572. IF: 1.100. DOI: <https://doi.org/10.62610/rjor.2025.1.17.55>
5. Rédai EM, Péterfi O, Gergely AL, Barabás E, ***Pintea 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. IF: 2.500. DOI: <https://doi.org/10.3390/app15020710>.
6. ***Pintea A**, Manea A, ***Pintea 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. IF: 4.800. DOI: <https://doi.org/10.3390/biom15010088>.
7. ***Pintea C**, Vlad RA, Antonoaea P, Rédai EM, Bîrsan M, Barabás EC, Manea A, Pușcaș IA, Ciurba A. *Innovative Epicardial Bigels Containing Amiodarone Hydrochloride: Pharmacotechnical and Analytical Characterization*. *Pharmaceutics*. **2024**; 17(11), 1511. IF: 4.800. DOI: <https://doi.org/10.3390/ph17111511>

● Previous Academic Years:

8. ***Bîrsan M**, Focșa AV, Scripcariu ȘI, Antonoaea P, ***Pintea C**, Vlad RA, Scutariu MM, Ciurba A. *Texture analysis and comparative screening of the sensory properties of new skincare products*. *Farmacia* **2024**; 72(4): 875-884. IF: 1.400. DOI: <https://doi.org/10.31925/farmacia.2024.4.16>
9. 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. IF: 5.000. DOI: <https://doi.org/10.3390/gels10010058>
10. ***Bîrsan M**, Cristofor AC, Tuchiluş C, Crivoi F, Vlad RA, ***Pintea C**, Antonoaea P, Ciurba A. *Development of cream bases suitable for personalized cosmetic products*. *Med Pharm Rep*. **2024**; 97(3): 347-356. BDI: PubMed, PMID: <https://pubmed.ncbi.nlm.nih.gov/39234452/> DOI: <https://doi.org/10.15386/mpr-2765>
11. ***Bîrsan M**, Focșa AV, Cristofor AC, Scripcariu ȘI, Antonoaea P, Vlad RA, Todoran N, Ciurba A, Stan CI, Apostol MM, Stan CD. *Healthcare service quality evaluated using the degree of satisfactin of patients in romanian community pharmacies*, *Healthcare*. **2023**; 11: 3038; IF: 2.400. DOI: <https://doi.org/10.3390/healthcare11233038>
12. Antonoaea P, Ciurba A, Redai E, Vlad RA, Cotoi CT, ***Bîrsan M**, Todoran N. *Design and characterisation of new dermal polymeric films for treatment of inflammatory pain*. *Farmacia*. **2023**; 71(3): 471-479. IF: 1.600. DOI: <https://doi.org/10.31925/farmacia.2023.3.4>
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*. *Farmacia*. **2023**; 71(4): 771-780. IF: 1.600. DOI: <https://doi.org/10.31925/farmacia.2023.4.13>
14. Vlad RA. ***Pintea 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. IF: 5.400. DOI: <https://doi.org/10.3390/pharmaceutics15082147>

15. Vlad RA, ***Pintea 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. IF: 5.000. DOI: <https://doi.org/10.3390/polym15092034>
16. ***Bîrsan M**, Gore E, Stan CD, Cristofor C, Palimariciuc M, Scripcariu ȘI, 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. IF: 1.550. DOI: <https://doi.org/10.31925/farmacia.2022.5.13>
17. ***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. IF: 5.000. DOI: <https://doi.org/10.3390/polym14225011>
18. Vlad RA, Antonoaea P, Todoran N, Rédai EM, ***Bîrsan M**, Muntean DL, Imre S, Farczadi L, Hancu G, Ciurba A. *Development and Evaluation of Cannabidiol Orodispersible Tablets Using a 2³-factorial Desing*. Pharmaceutics **2022**; 14(7): 1467. IF: 6.525. DOI: <https://doi.org/10.3390/pharmaceutics14071467>
19. ***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-Rev.Med Chir Soc Med Nat Iași. **2022**; 126(2): 281-290. BDI: MEDLINE. DOI: <https://doi.org/10.22551/MSJ.2022.02.17>
20. ***Bîrsan M**, Stan CD, Focșa AV, Dănilă AT, Antonoaea P, Vlad RA, Todoran N, Stan RT, Gore E, Crivoi F, Ciurba A. *Influence of Carbopol 971P NF on flow rate and swelling parameters in antifungal tablets*. Med Surg J-Rev Med Chir Soc Med Nat Iași. **2022**; 126(3): 443-451. BDI: MEDLINE. DOI: <https://doi.org/10.22551/MSJ.2022.03.17>
21. Antonoaea P, Rédai E, ***Bîrsan M**, ***Tătaru A**, Todoran N, Vlad RA, Muntean LD, Ciurba A. *Dissolution kinetic of meloxicam from hydrophilic matrix-type films for transdermal therapy*. Farmacia. **2021**; 69(1): 100-106. IF: 1.433. DOI: https://farmaciajournal.com/wp-content/uploads/art-13-Antonoaea_Redai_Ciurba_100-106.pdf
22. Ciurba A, Antonoaea P, Todoran N, Redai EM, Vlad RA, ***Tătaru A**, Muntean DL, ***Bîrsan M**. *Polymeric Films Containing Tenoxicam as Prospective Transdermal Drug Delivery Systems: Design and Characterization*. Processes. **2021**; 9(1): 136. IF: 2.847. DOI: <https://doi.org/10.3390/pr9010136>
23. Rédai EM, ***Kovács O**, Szabó ZI, Gergely A, Antonoaea P, Todoran N, Vlad RA, Ciurba A, Vlad RA, Dónáth-Nagy G, Sipos E. *Fluoxetine containing pvp-based electrospun nanofibers*. Acta Pol Pharm Drug Res. **2021**; 78(4): 563-571. IF: 0.330. DOI: <https://doi.org/10.32383/appdr/142072>
24. Rédai EM, ***Raduly I**, Szabo ZL, Ciurba A, Todoran N, Antonoaea P, Vlad RA, ***Peterfi O**, Sipos E. *Preparation and characterization of atorvastatin-loaded polyvinylpyrrolidone-based electrospun microfibrinous mats*. Studia UBB Chemia. **2021**; 66(2): 287-297. IF: 0.447. DOI: <https://doi.org/10.24193/subbchem.2021.02.25>
25. 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. IF: 2.847. DOI: <https://doi.org/10.3390/pr9050778>
26. 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*. Saudi Pharm J. **2021**; 29(9): 1029-1042. IF: 4.562. DOI: <https://doi.org/10.1016/j.jsps.2021.07.012>
27. Vlad RA, Antonoaea P, Redai EM, Muntean DL, Todoran N, ***Bîrsan M**, ***Tătaru A**, Ciurba A. *Soy polysaccharides therapeutic and technological aspects*. Acta Medica Marisiensis. **2021**; 67(4): 199-203. BDI: SCIENDO. DOI: <https://doi.org/10.2478/amma-2021-0040>
28. Vlad RA, ***Trifan EB**, Antonoaea P, Redai EM, Kovacs B, Todoran N, ***Tătaru A**, Ciurba A. *Developing and evaluation of orodispersible tablets containing caffeine*. Ro J Pharm Pract. **2021**; 14(1): 34-40. BDI: EBSCOhost. DOI: <https://doi.org/10.37897/RJPhP.2021.1.5>
29. Rusu A, Ciurba A, ***Bîrsan M**, Antonoaea P, Székely-Szentmiklósi B, Fülöp I, ***Pascu GA**, Todoran N. *Compatibility study of four binary combinations of active ingredients for dermal film forming systems*. Farmacia. **2020**; 68(5): 800-811. IF: 1.607. DOI: <https://doi.org/10.31925/farmacia.2020.5.5>
30. Rusu A, Tanase C, ***Pascu AG**, Todoran N. Review - *Recent Advances Regarding the Therapeutic Potential of Adapalene*. Pharmaceutics. **2020**; 13(9): 217. IF: 4.286. DOI: <https://doi.org/10.3390/ph13090217>
31. Todoran N, Antonoaea P, Redai E, Vlad RA, ***Bîrsan M**, Ciurba A. *The influence of hydrogen peroxide on the rheological behavior of Ultrez-21 gels*. Ro J Pharm Pract. **2020**; 13(3): 139-146. BDI: EBSCOhost. DOI: <https://doi.org/10.37897/RJPhP.2020.3.4>
32. ***Bîrsan M**, Apostu M, Todoran N, ***Antonoaea P**, Rusu A, Ciurba A. *Development of Dermal Films Containing Miconazole Nitrate*. Molecules. **2018**; 23(7): 1640. IF: 3.060. DOI: <https://doi.org/10.3390/molecules23071640>
33. Todoran N, Antonoaea P, Rusu A, Ciurba A, ***Bîrsan M**, Rédai E. *DSC and FT-IR Analysis for the Formulation of Dermal Films with Meloxicam in Bioadhesive Polymeric Matrices*. Rev Chim-Bucharest. **2018**; 69(12): 3692-3697. IF: 1.412. DOI: <https://doi.org/10.37358/RC.18.12.6821>

34. ***Al Hussein SM**, Todoran N, Imre S, ***Al Hussein Hu**, ***Al Hussein Ha**, Doraru MT. *The role of clindamycin phosphate associated with adapalene in three semisolid formulations developed for topical acne treatment*. Rev Chim-Bucharest. **2017**; 68(5): 937-943. IF: 1.412. DOI: <https://doi.org/10.37358/RC.17.5.5585>
35. ***Antonoaea P**, Sylvester B, Tomuță I, Ciurba A, Rédai E, Todoran N, Muntean DL. *Direct quantification of meloxicam from transdermal therapeutic systems by NIR spectroscopy*. Farmacia. **2017**; 65(2): 230-236. IF: 1.507. <https://farmaciajournal.com/wp-content/uploads/2017-02-art-11-Antonoaea Tomuta Muntean 230-236.pdf>
36. ***Antonoaea P**, Todoran N, Rédai E, Ciurba A, Bogdan C, Moldovan M, Muntean DL. Evaluation of mechanical properties of nonsteroidal anti-inflammatory matrix type transdermal therapeutic systems. Acta Medica Marisiensis. **2017**; 63(2): 56-61. BDI: SCIENDO. DOI: <https://doi.org/10.1515/amma-2017-0011>
37. Ciurba A, Rédai E, ***Pop I**, ***Antonoaea P**, Todoran N. *Kinetics and Mechanism of Drug Release from Loratadine Orodispersible Tablets Developed without Lactos*. Acta Med Marisiensis. **2017**; 63(1): 23-26. BDI: EBSCOhost. DOI: <https://doi.org/10.1515/amma-2017-0004>
38. Hancu G, ***Neacșu AM**, Papp LA, Ciurba A. *Simultaneous determination of amoxicillin and clavulanic acid in pharmaceutical preparations by capillary zone electrophoresis*. Bras J Pharm Sci. **2016**; 52(2): 281-286. IF: 0.485. DOI: <https://doi.org/10.1590/S1984-82502016000200006>
39. Hancu G, ***Sasebesi A**, Rusu A, Kelemen H, Ciurba A. *Study of the electrophoretic behavior of cephalosporins by capillary zone electrophoresis*. Adv Pharm Bull. **2015**; 5(2): 223-229. IF: 0.875. DOI: <https://doi.org/10.15171/apb.2015.031>
40. Ciurba A, Todoran N, ***Tăurean A**, Antonoaea P, Hancu G, Moisei A, Sipos E. *Kinetic analysis of in vitro drug release from valproic acid and sodium valproate suppositories*. Farmacia. **2014**; 62(6): 1143-1156. FI: 1.005. <https://farmaciajournal.com/wp-content/uploads/2014-06-art-10-Ciurba A 1143-1156.pdf>
41. Ciurba A, Hancu G, ***Cojoclea LM**, Sipos E, Todoran N. *Development of new formulation and its evaluation by capillary electrophoresis of tablets containing tramadol hydrochloride and paracetamol*. Pharm Dev Technol. **2013**; 19(7): 833-838. IF: 1.335. DOI: <https://doi.org/10.3109/10837450.2013.836219>

2 Student's participation at scientific meetings and abstract publications:

2.1. Events Locally organized by Students:



<https://marisiensis.lstgm.ro/>

International Congress for Students, Young Doctors and Pharmacists Marisiensis, Târgu Mureș, România.
Book of Abstracts, Acta Marisiensis Medica Supplement Number (S).

● 2025, May 21-25: ISSN 2668-7755

<https://ojs.actamedicamarisiensis.ro/index.php/amm/issue/view/13/51>

1. ***Cojocariu AA**, Pinte C, Cotoi CT, Antonoaea P. *Formulation and characterization of mucoadhesive films with miconazole for oral candidiasis*. Acta Medica Marisiensis. **2025**, 71(S4): 128.
2. ***Curta AM**, ***Pinte C**, Vlad RA, Antonoaea P. *Modulating ibuprofen hydrogel characteristics through sodium carboxymethylcellulose variation*. Acta Medica Marisiensis. **2025**; 71(S4): 127-128.
3. ***Cojocar LŞ**, Antonoaea P, Vlad RA. *Development of new liposomal cannabidiol transdermal films and evaluation of their mechanical properties*. Acta Medica Marisiensis. **2025**; 71(S4): 129-130.
4. ***Condorache NC**, Todoran N. *Advanced synergy in facial rejuvenation: sculptural facial massage and HIFU technology*. Acta Medica Marisiensis. **2025**; 71(S4): 392.
5. ***Pîrva L**, ***Cotoi C-T**, Ciurba A. *Adaptability of korean cosmetic products to caucasian skin*. Acta Medica Marisiensis. **2025**; 71(S4): 391.

6. ***Rad IC**, Antonoaea P, Pinteaa C. *Ongoing research in the field of nanocarriers used in cosmeceutical products.* Acta Medica Marisiensis. **2025**; 71(S4): 391-392.
7. ***Tamás N**, Vlad RA, Ciurba A. *Development and evaluation of bilayered effervescent tablets for synergistic pain management.* Acta Medica Marisiensis. **2025**; 71(S4): 371-372.
8. ***Vancsa A**, Antonoaea P, Ciurba A. *Development and pharmacotechnical evaluation of new ibuprofen hydrogel evaluation.* Acta Medica Marisiensis. **2025**; 71(S4): 127.

① **Workshop:** <https://marisiensis.lstgm.ro/scientific-program/>

The Art of Making Your Own Deodorant Stick by Adriana Ciurba, PhD, Paula Antonoaea, PhD, Robert-Alexandru Vlad, PhD, Cezara Pinteaa, PhD Student. <https://www.instagram.com/p/DlwTmrtonxF/>



● **2024, May 22-26: ISSN 2668-7755**

<https://ojs.actamedicamarisiensis.ro/index.php/amm/issue/view/13/45>

9. ***Pinteaa C**, Pușcaș IA, Vlad RA, Ciurba A. *Optimizing amiodarone hydrochloride semisolid formulations for cardiac therapy.* Acta Medica Marisiensis **2024**, 70(S3): 110.
10. ***Rughiniș IA**, Antonoaea P, Vlad RA. *Development and characterization of new hydrogels formulations for the treatment of pain and inflammation.* Acta Medica Marisiensis **2024**, 70(S3): 111.
11. ***Busuiuc A**, Antonoaea P, Ciurba A. *Practical contributions to texture analysis of cosmetic products.* Acta Medica Marisiensis **2024**, 70(S3): 111-112.
12. ***Popa A**, Vlad RA, Antonoaea P. *Pharmacotechnical characterization of benzocaine orodispersible films,* Acta Medica Marisiensis **2024**, 70(S3): 343.
13. ***Curta AM**, Vlad RA, Antonoaea P. *The utility of 2² full factorial design in the development and optimization of an ibuprofen hydrogel.* Acta Medica Marisiensis **2024**, 70(S3): 343-344.

● **Workshop:** <https://www.facebook.com/Marisiensis/posts/pfbid0EdUPtaHkpzQkhKk2QpFodsgw6GwbrWTEoriQRDdArfc9zsPikZi5hBtzX5cW3bNEI>
<https://www.facebook.com/farmacie.umfst/posts/pfbid024entjVepcnUXKdy59dKxHQHywgjB2txjHmZuGLsRuT4QuzhR5xr7b9wgv1pDDrxmI>



- **Workshop:** <https://www.facebook.com/Marisiensis/posts/pfbid0GRmYU84XRSPy2ysrEaA47SJeXXstn1gDpm3TpFAktF14SMD1PnJNiX3UhsXeyl>
A short video here: <https://www.facebook.com/100037924608854/videos/pcb.1237314094209399/2666699063487777>



- **2023, May 17-21: ISSN 2668-7755**
https://actamedicamarisiensis.ro/wp-content/uploads/2023/06/AMM_69_S1_web.pdf
- 14. ***Curta AM**, Vlad RA, Antonoaea P. *Study of particle size distribution on pharmacotechnical factors in diclofenac sodium hydrogels formulations.* Acta Medica Marisiensis **2023**, 69(S1):329-330
- 15. ***Fraseniuc AM**, Antonoaea P, Ciurba A. *Dressings – Medical devices with topical administration in the palliative and curractive treatment of wounds.* Acta Medica Marisiensis **2023**, 69(S1): 134.
- 16. ***Gyenge MM**, Antonoaea P, Vlad RA. *Development and characterization of new ibuprofen polymeric films for transdermal delivery.* Acta Medica Marisiensis **2023**, 69(S1): 135.
- 17. ***Ioniță IG**, Antonoaea P, Cotoi CT. *Development and evaluation of new silver sulfadiazine hydrophilic gels formulations for topical burns.* Acta Medica Marisiensis **2023**, 69(S1):134-135.
- 18. ***Pintea A**, Vlad RA, Antonoaea P. *Application of Quality by Design (QbD) in establishing an optimal formulation for a miconazole hydrogel.,* Acta Medica Marisiensis **2023**, 69(S1):132-133.
- 19. ***Pintea C**, ***Pușcaș IA**, Vlad RA, Ciurba A. *The development of gel bases used for the potential incorporation of various pharmaceutical ingredients.* Acta Medica Marisiensis **2023**, 69(S1):369.
- 20. ***Vlăgea TC**, Vlad RA, Ciurba A. *Evaluation of allantoin hydrogels properties using different preparation methods with the help of a Semi-Solid Control Diagram (SSCD).* Acta Medica Marisiensis **2023**, 69(S1):327-328.
- **Workshop:** Smart Sweets – Benzocaine and Menthol Thin Strips by Robert-Alexandru Vlad PhD, Adriana Ciurba PhD, Paula Antonoaea PhD
- **Workshop:** Bigels – New Formulations Used as Topical Drug Carriers by Paula Antonoaea PhD, Robert-Alexandru Vlad PhD, Adriana Ciurba PhD
<https://marisiensis.ro/information-phcourses2023>



- **Workshop: Anti-Cellulite Cream** by Adriana Ciurba PhD, Paula Antonoaea PhD, Robert-Alexandru Vlad PhD.
- **Workshop: Smart Smart Sweets – Medicinal Chocolate** by Adriana Ciurba PhD, Robert-Alexandru Vlad PhD, Paula Antonoaea PhD.
<https://marisiensis.ro/information-phcourses2022>



● 2022, May 4-8: ISSN 2668-7755

<https://ojs.actamedicamarisiensis.ro/index.php/amm/issue/view/13/33>

21. *Chirteș D, Vlad RA, Ciurba A. Development and pharmacotechnical evaluation of drotaverine orodispersible tablets. Acta Medica Marisiensis **2022**, 68(S3): 146.
22. *Coaicea M, Vlad RA, Antonoaea P. New polymeric formulations of caffeine energy thin films. Acta Medica Marisiensis **2022**, 68(S3):123-124.
23. *Gavrilă AG, Ciurba A, Vlad RA. Development areas of nanotechnology. Types of nanoparticles and their characterisation. Acta Medica Marisiensis **2022**, 68(S3):228.
24. *Ghiniță IC, Ciurba A, Antonoaea P. New cream formulations for the curative and palliative treatment of different types of burns. Acta Medica Marisiensis **2022**, 68(3):123.
25. *Kisgyorgy S, Antonoaea P, Vlad RA. Development and evaluation of new vesicular drug delivery systems containing indomethacin. Acta Medica Marisiensis **2022**, 68(S3):121-122.
26. *Mihalcea FM, Vlad RA, Ciurba A. Developing a new co-processed excipient. Evaluation of the excipient through SeDeM expert system. Acta Medica Marisiensis **2022**, 68(S3):228.
27. *Șulea D, *Roman FE, *Pozna I, *Șulea IP, *Cristia IM, Vlad RA. Safety of dermatocosmetics during pregnancy. Acta Medica Marisiensis **2022**, 68(S3):227.

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● 2020, May 25-29: ISSN 2668-7755

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29. *Ciobanu FIO. Vlad RA. Ciurba A. Development and evaluation of drotaverine suppositories. Acta Medica Marisiensis **2020**, 66(S3):76.
30. *Bertea BA. Antonoaea P. Vlad RA. Nanoparticles used for intranasal vaccine delivery. Acta Medica Marisiensis **2020**, 66(S3):204.

- **Workshop: Virtual Mesotherapy – Elixir of Youth** by Carla Todea Trainer & Cosmetologist, Nicoleta Todoran PhD.
<https://www.youtube.com/watch?v=uqx0QYeTweQ>



- **2018, 28th March - 1st April: ISSN 2068-3324**

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31. *Trifan EB, *Blendea OV, Vlad RA, Ciurba A. *Liposomes - vaccine delivery systems*. Acta Medica Marisiensis **2018**, 64(S1):84.

- **Workshop: The Effectiveness of Treatments Performed in the Beauty Salon** by *Carla Todea Master Student, Nicoleta Todoran PhD.

- **Marisiensis, Previous Years: ISSN 2068-3324**

32. *Muntean RR, Antonoaea P, Todoran N. *Carboxymethyl cellulose vs. Hidroxyethyl cellulose in developing the formulation of ibuprofen gel for gingival application*. Acta Medica Marisiensis **2016**, 61(S1):90.
33. *Biro A, Ciurba A. *Transepidermal Water Loss - in vitro and in vivo noninvasive measurement of skin barrier function*. Acta Medica Marisiensis **2016**, 61(S1):88.
34. *Asoltanei C, *Hărășan OR, Todoran N, Ciurba A. *Using scientific software for mathematical and statistical analysis in developing pharmaceutical or cosmetic formulations*. Acta Medica Marisiensis **2015**, 61(S1):91-92.
35. *Borșan AM, *Bogdan AA, Todoran N. *Optimizing pharmaceutical formulation using design of experiment with specialized software*. Acta Medica Marisiensis **2015**, 61(S1):90-91.
36. *Pop IV, Ciurba A, Todoran N. *Pharmaco-technological properties of loratadine fast- disintegrating tablets formulated without lactose*. Acta Medica Marisiensis **2015**, 61(S1):92.
37. *Simion EA, *Butucea A, Todoran N. *Arguments in sustaining the necessity of a guide for community pharmacists in counselling patients about common skin disorders*. Acta Medica Marisiensis **2015**, 61(S1):84.
38. *Simion EA, Todoran N. *Acne treatments: A review of the present for indentifying the future research perspectives*. Acta Medica Marisiensis **2014**, 60(S3):111.
39. *Nicoloiu I, *Petrovici R, Todoran N - *Reflexotherapy: A massage which can function as a treatment*. Acta Medica Marisiensis, **2014**, 60(S3):114.



<https://tdk.mmdsz.ro/>

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Book of Abstracts, Orvostudományi Értesítő (Medical Science Bulletin).*

● **2025, May 07-10, 32nd Edition**

② **Workshop:** Dental Prescription Writing by Rédei Emőke-Margit, PhD.

③ **Workshop:** Antiperspirants by Rédei Emőke-Margit, PhD.



● **2024, April 24-27, 31st Edition: ISSN 1453-0953**

<https://tdk.mmdsz.ro/#/osszefoglalok/2024>

40. ***Kovács S, Rédei EM.** Itrokonazol tartalmú hidrogélek előállítása és vizsgálata (*Preparation and study of hydrogels containing itraconazole*). Orvostudományi Értesítő **2024**, 97(S2): 147.
41. ***Márton K, Rédei EM.** Szájban diszpergálható gyerekgyógyászati paracetamol és ibuprofen tartalmú szendvics tabletták formulálása (*Formulation of pediatric orodispersible sandwich tablets containing paracetamol and ibuprofen*). Orvostudományi Értesítő **2024**, 97(S2): 148.

● **Workshop:** Thermoactive Anti-cellulite Cream by Rédei Emőke-Margit, PhD.



● **2023, May 10-13, 30th Edition: ISSN 1453-0953**

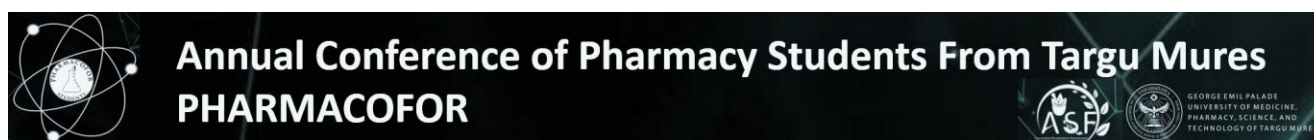
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● **2022, May 11-14, 29th Edition: ISSN 1453-0953**

<https://tdk.mmdsz.ro/#/osszefoglalok/2022>

43. *Pap A, Rédei EM. *Co-amorf loratadin-citrát tartalmú szájon diszpergálódó tabletták készítése és vizsgálata (Formulation and study of orally disintegrating tablets with co-amorphous loratadine-citric acid system).* Orvostudományi Értesítő **2022**, 95(2):112.



<https://www.facebook.com/ASF.TarguMures/>

● **2024, December 05-07, 5th Edition:**

A short video here: <https://www.facebook.com/umfst/videos/pharmaco-for-2024/597230156307233/>

- ④ **Workshop:** *Smart sweets, acadele medicamentoase* by Robert-Alexandru Vlad, PhD, Paula Antonoaea, PhD, Adriana Ciurba, PhD
https://www.instagram.com/p/DB_NTImIhZL/

● **2023, December 7-10, 4th Edition:**

- **Workshop:** *"Soft Glam" Optical Illusions in Photo Makeup* by Maria Florescu Trainer & Makeup Artist and Nicoleta Todoran PhD
<https://www.facebook.com/photo.php?fbid=867115085421995&set=pb.100063705336964.-2207520000&type=3>



- **Workshop:** *Antifungal Soap* by Robert-Alexandru Vlad PhD, Paula Antonoaea PhD, Adriana Ciurba PhD
<https://www.facebook.com/photo.php?fbid=862327892567381&set=pb.100063705336964.-2207520000&type=3>



● **2022, December 8-11, 3rd Edition:**

● **Workshops:** *Hand Antiseptic Gel & Urea Body Milk*

<https://www.facebook.com/photo.php?fbid=587310110069162&set=pb.100063705336964.-2207520000&type=3>
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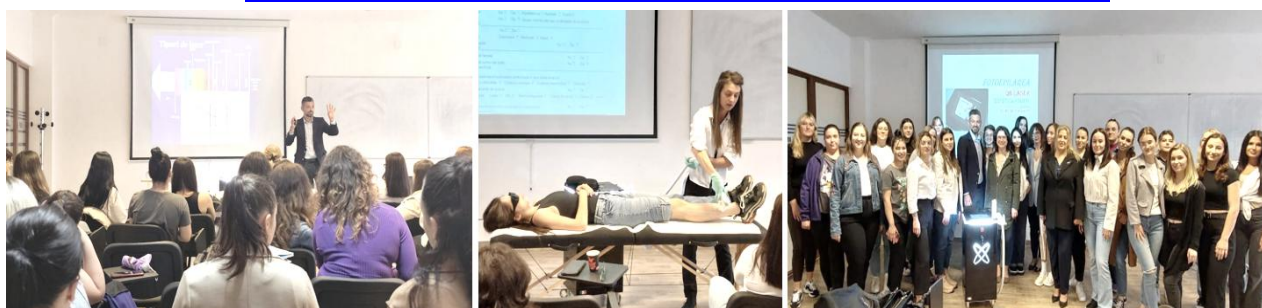


2.2. Events Locally organized by Department of Pharmaceutical Technology and Cosmetology:

- 5 **Seminar, October 25, 2024:** *Full Control Peels: Optimum Derma Acidity Concept. Exosomes: Exo-Heal Cream*, by Adina Răchiteanu & ArMedicalCosmetic, Adriana Ciurba, PhD, and Emiliana-Șoimița Măgerușan, PhD Student.
A short video here: <https://www.facebook.com/watch/?v=1365856858129438>



- 6 **Workshop, October 25, 2024:** *Seboreic And Acne Prone Skin Professional Cosmetic Treayment and Pathology Medication* by Nicoleta Todoran, PhD, Emiliana-Șoimița Măgerușan, PhD Student, and Camil-Eugen Vari, PhD.
<https://www.facebook.com/farmacie.umfst/posts/pfbid0N6VLyDFkTPrtz2u3Kczpg15CcUrPow6wY3rXvZNFUs6WYV1S184NWHvGbByexYBI>
- 7 **Workshop, May 29, 2024:** *Permanent progressive hair removal* by Alexandru Popescu and Cristiana Chițu & Extetica Technology, and Adriana Ciurba, PhD.
<https://www.facebook.com/farmacie.umfst/posts/pfbid02eCM1bwepsRNKeh8K2HFMnt1yaYEj7uyetLhM5F4PzmCGDwePrttVzXsBo9qwKnSpl>
A short video here: <https://www.facebook.com/100037924608854/videos/pcb.1238974610710014/375632902156230>



- **Workshop, May 25, 2024:** *The concepts of cosmetics formulation, application and use of Casmara masks* by Roxana Leonida, Trainer Casmara, Nicoleta Todoran, PhD, and Emiliana-Șoimița Măgerușan, PhD Student
<https://www.facebook.com/farmacie.umfst/posts/pfbid0ZreQRDFMcwRPqUpPIR6fwQ9KVDtDbRBBk4BxFcLDy1yfvLLA02rrRyX9XHeJxTjui>

A short reel here: <https://www.facebook.com/reel/956213202650063>



- **Workshop, May 15, 2024:** *Active principles at the basis of ClinicCare products and addressing skin aging problems* by Joa Duvgard, CEO ClinicCare of Sweden, Kaja Duvgard, International Training Manager ClinicCare, Boglarka Hitter, Trainer ClinicCare & Microderma, Nicoleta Todoran, PhD, and Emiliana-Șoimița Măgerușan, PhD Student.
<https://www.facebook.com/farmacie.umfst/posts/pfbid02QKNxhWdKdJsqzK8WTKLgVmmC5C3QV4x4VLwmFMrDFvpcwh8kSrmGr4xX2d9kkFGL>



- **Workshop, December 6, 2023:** *Chemical peeling, plasma peeling and radiofrequency used for facial cosmetics and body shaping* by Boglarka Hitter, Trainer ClinicCare & Microderma, Nicoleta Todoran, PhD, and Emiliana-Șoimița Măgerușan, PhD Student.
<https://www.facebook.com/100037924608854/posts/pfbid05wWNq1gVPxLpNlJ5fMnTQ6F7xhg8suzMm6jgZFvCYCGSETUARQJoDgYct86vjoil/>



- **Workshop, October 25, 2018:** *Common and Advanced Technologies In Cosmetics*, by Dr. Mariana Mitiș & Complete Beauty, Adriana Ciurba, PhD and Nicoleta Todoran PhD.



2.3. Events Locally organized by University:



<https://phd.umfst.ro/>

G.E. Palade UMFST, University Days, Târgu Mureș, România. Book of Abstracts.

● 2021, December 6 - 10, 14th Edition, PhD Conference: ISSN 2602-1609

https://phd.umfst.ro/uploads/BOOK_OF_ABSTRACTS_2021.pdf

44. *Vlad RA, Antonoaea P, Todoran N, Rédai EM, Muntean DL, *Bîrsan M, Ciurba A. *Development and evaluation of cannabidiol orodispersible tablets using a 23 factorial design*. Book of Abstracts **2021**: 145.
45. *Bîrsan M, Stan CD, Drăgan M, Antonoaea P, Vlad RA, Todoran N, Ciurba A. *Determination of the rheological and texture characteristics of a cosmetic cream base according to the traditional/industrial preparation*. Book of Abstracts **2021**: 147.



<https://sscd.umfst.ro/>

G.E. Palade UMFST, University Days, Târgu Mureș, România. Book of Abstracts.

● 2024, December 09 – 13: ISSN 2602-1609

https://sscd.umfst.ro/uploads/BOOK_OF_ABSTRACTS_2024.pdf

46. Vlad RA, Antonoaea P, Rédai E-M, *Cotoi CT, *Rus SD, *Bogdan AT, Ciurba A. *The assessment of olanzapine dissolution profiles from preparations obtained through direct compression employing biomimetic dissolution media*. Book of Abstracts **2024**: 66.

● 2023, December 11 – 15: ISSN 2602-1609

https://sscd.umfst.ro/uploads/BOOK_OF_ABSTRACTS_2023.pdf

47. Todoran N, Slevin M, Jachmann J, *Bîrsan M. *Clinical study screening the effectiveness of the cosmetic product applied by non-invasive methods based on electrical stimulation of the skin*. Book of Abstracts **2023**: 75.
48. Vlad RA, Antonoaea P, Redai EM, Cotoi CT, Todoran N, *Curca M, Ciurba A. *Correlation of disintegration time and amount of active pharmaceutical ingredient released from new formulations of cannabidiol orodispersible films*. Book of Abstracts **2023**: 76.

● Previous Academic Years: ISBN/ISSN

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49. Todoran N, *Răuță D, Antonoaea P, Rédai EM, Ciurba A, Sipos E. *Dissolution curve fitting using statistical software*. Acta Medica Marisiensis **2014**, 60(S4):119.
50. Antonoaea P, Todoran N, Ciurba A, Muntean DL, *Lirca C. *The preliminary experimental approach in developing a single-layer drug-in-adhesive transdermal systems*. Acta Medica Marisiensis **2012**, 58(S3):66.
51. Todoran N, Drașoveanu A, Imre S, Ciurba A, *Iștoan RO. *Two methods for testing the whitening teeth capacity of hydrogen peroxide used in dental gels*. Acta Medica Marisiensis **2012**, 58(S3):70.
52. Todoran N, Ciurba A, Antonoaea P, *Răuță D. *Mathematical modeling of an in-vitro dissolution profile*. Acta Medica Marisiensis **2012**, 58(S3):71.
53. *Cojoclea L, Ciurba A, Donath G. *Development of tramadol hydrochloride and paracetamol tablets using different excipients*. Acta Medica Marisiensis **2011**, 57(S1):74.

2.4. Events organized by National Scientific Committees:

CONGRESUL NATIONAL DE FARMACIE

ROMANIAN NATIONAL CONGRESS OF PHARMACIES



<https://congresfarmacie.com/>

● 2024, September 24 - 26, 20th Edition, Târgu Mureș, România: ISBN 978-973-169-929-5

<https://congresfarmacie.com/wp-content/uploads/2025/09/Volum-Rezumat-Congres-National-de-Farmacie-2025.pdf>

54. Antonoaea P, Vlad RA, Rédai EM, Todoran N, *Cotoi CT, *Pintea C, *Pintea A, *Răchită OT, Barabás EC, Bîrsan M, Ciurba A. *Development and evaluation of Novel Thermosensitive chlorhexidine gel formulations*. Book of Abstracts **2025**: 27.
55. Bîrsan M, Focșa AV, Drăgan M, Stan CD, Antonoaea P, Vlad RA, Todoran N, *Cotoi CT, *Pintea C, *Pintea A, Ciurba A. *Personalized approaches in dermato-cosmetology: clinical evaluation of skin following the use of a bespoke cosmetic product*. Book of Abstracts **2025**: 30.
56. Vlad RA, Antonoaea P, Rédai EM, Cotoi CT, *Pintea C, *Pintea A, Ciurba A, Bîrsan M. *SeDeM and SeDeM-ODT expert systems used for the development of conventional and fast-release cannabidiol tablets*. Book of Abstracts **2025**: 40.
57. *Pintea A, *Pintea C, Vlad RA, Antonoaea P, Rédai EM, *Cotoi CT, Bîrsan M, Ciurba A. *Peptides cosmetic formulations: approaches to preventing tissue senescence*. Book of Abstracts **2025**: 83.
58. *Cojocariu AA, *Cotoi CT, Vlad RA, *Pintea C, Rédai EM, Antonoaea P, Ciurba A. *Formulation and characterization of mucoadhesive films with miconazole for oral candidiasis*. Book of Abstracts **2025**: 107.

● 2023, September 27 - 29, 19th Edition, Cluj Napoca, România: ISBN 978-606-075-203-5

<https://congresnationalfarmacie2023.ro/wp-content/uploads/2023/09/Volum-Rezumat-Congres-CNFR-2023.pdf>

59. Antonoaea P, Vlad RA, Redai EM, Todoran N, Cotoi CT, *Ghiniță IC, Bîrsan M, Ciurba A. *Development and evaluation of new silver sulfadiazine creams for the palliative and curative treatment of dermal burns*. 19th CNFR **2023**, Book of abstracts: 225.
60. *Bîrsan M, Focșa AV, Antonoaea P, Vlad RA, Todoran N, Ciurba A, Stan CD. *Assessing patient satisfaction with pharmaceutical services*. 19th CNFR **2023**, Book of abstracts: 160.
61. *Bîrsan M, Focșa AV, Stan CD, Antonoaea P, Vlad RA, Todoran N, Ciurba A. *Evaluation of the efficacy of an anti-wrinkle cosmetic product*. 19th CNFR **2023**, Book of abstracts: 192.
62. Vlad RA, Antonoaea P, Todoran N, *Pintea A, Redai EM, *Deliu I, *Curca M, Bîrsan M, Ciurba A. *The influence of cannabidiol and the film-forming agent regarding the properties of the orodispersible film*. 19th CNFR **2023**, Book of abstracts: 226.

● 2021, September 15 - 17, 18th Edition, Oradea, România: ISBN 978-606-10-2144-4

https://chimiefarmaceutica.usmf.md/sites/default/files/inline-files/REZUMATE_Congres_CNFR_2021_ISBN.pdf

63. *Ciobotaru AM, Rédai EM, *Tătaru AM, Vlad RA, Antonoaea P, *Gavrilă GA, Ciurba A. *Formulation and evaluation of a new thermosensitive gel formulation for the treatment of periodontal disease*. 18th CNFR **2021**, Book of abstracts: 188.
64. Antonoaea P, Vlad RA, Silași O, Rédai EM, Bîrsan M, *Tătaru A, *Gavrilă A, Ciurba A. *Developing and evaluating a new skincare moisturizer cream: the benefits of a combination of vitamins and active phytocomplexes*, 18th CNFR **2021**, Book of abstracts: 160.
65. Vlad RA, Farczadi L, Imre S, Toma C, Muntean DL, Antonoaea P, Rédai EM, *Tătaru A, Bîrsan M, Ciurba A. *Development of an HPLC-UV Method for the Assessment of Cannabidiol in Orodispersible Matrixes*. 18th CNFR **2021**, Book of abstracts: 161.
66. Bîrsan M, Stan CD, Drăgan M, Antonoaea P, Vlad RA, Gavrilă GA, *Tătaru A, Ciurba A. *Determination of the rheological characteristics of a cosmetic gel according to the traditional/industrial preparation*. 18th CNFR **2021**, Book of abstracts: 171.
67. Rédai EM, *Rétyi Z, Vlad RA, Todoran N, Antonoaea P, Ciurba A, Sipos E. *Pharmaceutical formulation analysis of gelatin-based soft form with loratadine*. 18th CNFR **2021**, Book of abstracts: 171.

● 2014, September 24 - 27, 15th Edition, Iași, România: ISBN 978-606-544-252-8

68. Ciurba A, Todoran N, *Vrînceanu A, Eșianu S, Antonoaea P, Rédai EM. *Rheological and mucoadhesive properties of buccal gels containing hydroalcoholic extract*. 15th CNFR **2014**, Book of abstracts: 305.

2.5. Events organized by International Scientific Committees:



<https://www.worldmeeting.org/>

● 2021, May 11 - 14, 12th Edition, Vienna, Austria:

https://www.apv-mainz.de/fileadmin/dateiablage/worldmeeting/PBP_2020_Wien/PBP_Poster-overview.pdf

69. Vlad RA, Antonoaea P, Rédei EM, Todoran N, ***Bîrsan M**, Muntean D-L, Ciurba A. *Evaluation of Compressibility Index by SeDeM system method to predict the behavior of some tablets excipients*. 12th World Meeting on PBPT **2021**, Book of abstracts.
70. ***Bîrsan M**, Vlad RA, Antonoaea P, Rédei EM, Todoran N, Stan CD, Drăgan M, Ciurba A. *The influence of the preparation method to the moisturizing properties of a new hyaluronic gel*. 12th World Meeting on PBPT **2021**, Book of abstracts.

● 2016, April 4 - 7, 10th Edition, Glasgow, United Kingdom:

<https://www.worldcat.org/title/951387404>
https://www.worldmeeting.org/fileadmin/dateiablage/worldmeeting/2016_Glasgow/Abstractbook-PBP_Glasgow2016_low.pdf

71. Ciurba A, Todoran N, ***Pop M**, Antonoaea P, Rédei E, Al Hussein S. *Modification of the loratadine release mechanism induced by disintegrants in orodispersible tablets*. 10th World Meeting on PBPT **2016**, Abstracts eBook OCLC: 951387404. BDI: WORLDCAT.



<https://cespt.org/>

● 2021, September 16 - 18, 13th Edition, Gdansk, Poland:

https://www.ptfarm.pl/download/?file=File%2FFarmacia+Polska%2F2021%2F9%2F04_OG_13_Symposium_n.pdf

72. Antonoaea P, Vlad RA, Todoran N, Rédei EM, ***Bîrsan M**, Ciurba A. *Design and of evaluation of new NSAID patches*. 13th CESPT **2021**, Book of abstracts: 105.
73. Bîrsan M, Stan CD, ***Gavrilă GA**, Antonoaea P, Vlad RA, Todoran N, Socha K, Ciurba A. *Determination of mercury in topical products and evaluation of potential risks*. 13th CESPT **2021**, Book of abstracts: 52-53.
74. ***Gavrilă GA**, Antonoaea P, Vlad RA, Bîrsan M, Ciurba A. *Development and evaluation of bigels containing naproxene*. 13th CESPT **2021**, Book of abstracts: 72.
75. Rédei EM, ***Peterfi O**, Vlad RA, Antonoaea P, Todoran N, Ciurba A, Sipos E. *Characterization of itraconazol electrospun fibrous sheets*. 13th CESPT **2021**, Book of abstracts: 66.