



Anca Zanfirescu

● WORK EXPERIENCE

01/10/2019 – CURRENT Bucharest, Romania

ASSOCIATE PROFESSOR PHARMACOLOGY AND CLINICAL PHARMACY UNIVERSITY OF MEDICINE AND PHARMACY "CAROL DAVILA", FACULTY OF PHARMACY

- Teaching Activity (developing and delivering courses to students in Pharmacy and post-graduates within the specializations "Clinical Pharmacy" and "Pharmaceutical Laboratory"; coordinating projects for the bachelor's degree examination; evaluating and monitoring individual student progress and providing feedback to sustain student success; actively seeking out methods, procedures, and resources to best achieve course objectives).
- Scientific and research activity (setting program/project strategies and being responsible for designing, interpreting, analyzing, and providing steps forward for in vivo experiments; experience in various preclinical animal models for assessing pain, inflammation, depression, anxiety, etc). Project manager for one postdoctoral project, member in the research team of various national and bilateral projects.
- Performing peer review for national and international journals (e.g. Chemistry Journal, Pharmaceutics, Pharmaceuticals, Molecules).

30/09/2015 – 30/09/2019 Bucharest, Romania

LECTURER PHARMACOLOGY AND CLINICAL PHARMACY UNIVERSITY OF MEDICINE AND PHARMACY "CAROL DAVILA", FACULTY OF PHARMACY

15/02/2022 – CURRENT Bucharest, Romania

SCIENTIFIC EDITOR CACTUS COMMUNICATIONS

- Write and edit medical manuscripts, journals and other scientific content (including posters and PowerPoint presentations)
- Preparing grant applications
- Adhere to job-specific instructions and format manuscripts according to the target journal when required.
- Adhere to style and referencing conventions (APA, MLA, and CMOS)
- Ensure that all subject-specific conventions are followed.

16/02/2016 – 01/02/2022 Bucharest

HEALTHCARE CONTENT WRITER S.C. GALENUS SRL

- Creating quality informative materials for Healthcare Professionals using scientific papers, therapy guidelines and other relevant information sources, thus promoting appropriate use of medicines and health.

01/03/2015 – 01/12/2016 Bucharest, Romania

PHARMACOLOGY AND CLINICAL PHARMACY SPECIALIST HUMANITAS CD MEDICAL CLINIC AND PHARMACIES

- Provided timely and relevant updates, scientific support, and responses to scientific or medical inquiries related to products.
- Structured training for community pharmacy staff providing them with up-to-date knowledge of active substances and their uses.

- Creating pharmacotherapy protocols for community pharmacy staff.
- Developing medical brochures and flyers with accurate and clear information for patients.

01/10/2009 – 30/09/2015 Bucharest, Romania

TEACHING ASSISTANT PHARMACOLOGY AND CLINICAL PHARMACY UNIVERSITY OF MEDICINE AND PHARMACY "CAROL DAVILA", FACULTY OF PHARMACY

01/02/2008 – 01/06/2010 Bucharest, Romania

REGULATORY AFFAIR ASSOCIATE MERCK KGAA, ROMANIA - CHIMIEXPORT EXPORT PLURIMEX

- Preparation of documentation for marketing authorization, variations, other notifications and submission to the corresponding Authorities in compliance with the legislation.
- Maintenance of documentation: documentation updates (SmPCs, PLs, packaging).
- Review advertising and promotional activities.

● EDUCATION AND TRAINING

Bucharest, Romania

CLINICAL PHARMACY FIRST ORDER [HEALTH MINISTRY ORDER NO. 2911/28.08.2023] "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy

01/09/2010 – 28/02/2014 Bucharest, Romania

PHD: PHARMACOLOGY AND CLINICAL PHARMACY [HEALTH MINISTRY ORDER NO. 377/15.07.2014] . TITLE: „INFLUENCE OF DIETARY MONOSODIUM GLUTAMATE ON NOCICEPTION AND INTERFERENCE WITH ANALGESIC MEDICATION" "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy

Address Traian Vuia 6, 020956, Bucharest, Romania

01/10/2010 – 31/01/2013 Bucharest, Romania

PHARMACY SPECIALIST [HEALTH MINISTRY ORDER NO. 115/2014] "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy

01/09/2010 – 30/09/2013 Bucharest

MASTER OF SCIENCE: MOLECULAR BIOLOGY AND BIOCHEMISTRY. THESIS TITLE: "COLLAGEN / HYDROXYAPATITE CISPLATIN DELIVERY SYSTEMS FOR THE LOCAL TREATMENT OF BONE CANCER" University of Bucharest, Faculty of Biology

Address Botanical Garden, Orange Entrance, 3, 060101, Bucharest

01/10/2003 – 30/09/2008 Bucharest

BACHELOR DEGREE: PHARMACY "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy

Address Traian Vuia 6, 020956, Bucharest

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C2
SPANISH	C1	C1	B2	B2	B2
FRENCH	B2	B2	B1	B1	B2

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
GERMAN	B1	B1	B1	B1	B1
CHINESE	A2	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **ADDITIONAL INFORMATION**

ORGANISATIONAL SKILLS

Skills developed at the current workplace

- Mental organizational skills - research and analyze situations, synthesis, or think strategically among others.
- Analytical skills - methodical approach to solving problems.
- Resource, time planning and management skills - ability to perform tasks in a timely manner, sticking to a schedule and to deadlines.

COMMUNICATION AND INTERPERSONAL SKILLS

Developed skills

- Great verbal communication skills acquired through teaching experience, workshops organization and participation in national and international conferences and symposia. Able to convey technical information to both technical and non-technical audiences. Analyze, interpret, and clarify product results for scientific and medical publications and conferences.
 - Excellent written communication skills, as demonstrated by the amount of published articles.
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APPENDIX 1 - BOOKS AND BOOK CHAPTERS PUBLISHED IN THE PAST 10 YEARS

Co-author:

1. Anca Zanfirescu, Anca Ungurianu, Denisa Margină. MONOSODIUM GLUTAMATE (MSG), Encyclopedia of Toxicology, 4th edition, 2023, Academic Press, ISBN 978-0128243152
2. Negreș S et al. PRACTICAL ASPECTS OF CLINICAL PHARMACY, Printech Publishing House, Bucharest, 2022.
3. Negreș S et al. PHARMACOTHERAPY AND GENERAL PHARMACY GRID TESTS FOR RESIDENCY, The Medical Publishing House, Bucharest, 2022 [ISBN 978-973-39-0936-1].
4. Negreș S. et al, PHARMACOLOGY GRID TESTS, The Medical Publishing House, Bucharest, 2020, [ISBN 9789733908784]
5. Dobrescu D, Popescu R, Dobrescu L, Negreș S. et al. MEMOMED 2021, University Publishing House, Bucharest, 2021 [ISBN 2069 2447]
6. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2020, University Publishing House, Bucharest, 2020 [ISBN 2069 2447]
7. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2019, University Publishing House, Bucharest, 2019 [ISBN 2069 2447]
8. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2019, University Publishing House, Bucharest, 2018 [ISBN 2069 2447]
9. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2019, University Publishing House, Bucharest, 2017 [ISBN 2069 2447]
10. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2019, University Publishing House, Bucharest, 2016 [ISBN 2069 2447]
11. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2019, University Publishing House, Bucharest, 2015 [ISBN 2069 2447]
12. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2019, University Publishing House, Bucharest, 2014 [ISBN 2069 2447]
13. Dobrescu D, Popescu R, Dobrescu L, Negreș S. MEMOMED 2019, University Publishing House, Bucharest, 2013 [ISBN 2069 2447]
14. **Buzescu A.**, Negreș S., Chiriță C. NAUSEA AND VOMITING. In PHARMACOTHERAPY volume I. Printech Publishing House, Bucharest [ISBN: 978-606-23-0149-1].
15. **Buzescu A.**, Negreș S., Chiriță C. BRONCHIOLITIS. In PHARMACOTHERAPY volume I. Printech Publishing House, Bucharest [ISBN: 978-606-23-0149-1].
16. Negreș S., Chiriță C., **Buzescu A.** ACUTE BRONCHITIS. In PHARMACOTHERAPY volume I. Printech Publishing House, Bucharest [ISBN: 978-606-23-0149-1].

17. **Buzescu A.**, Negreș S. PNEUMONIA. In PHARMACOTHERAPY volume I. Printech Publishing House, Bucharest [ISBN: 978-606-23-0149-1].
18. Negreș S., Chiriță C., **Buzescu A.** DERMATITIS. In PHARMACOTHERAPY volume I. Printech Publishing House, Bucharest [ISBN: 978-606-23-0149-1].
19. Negreș S., Chiriță C., **Buzescu A.** ACNE. In PHARMACOTHERAPY volume I. Printech Publishing House, Bucharest [ISBN: 978-606-23-0149-1].
20. Negreș S., Chiriță C., **Buzescu A.** PSORIASIS. In PHARMACOTHERAPY volume I. Printech Publishing House, Bucharest [ISBN: 978-606-23-0149-1].

APPENDIX 2 - ISI/BDI INDEXED SCIENTIFIC PAPERS

ISI scientific papers

1. Ungurianu, A., **Zanfirescu, A.***, & Margină, D. (2023). Sirtuins, resveratrol and the intertwining cellular pathways connecting them. *Ageing Research Reviews*, 88, 101936. IF 11.788 (Q1)
2. Avram, I., Pelinescu, D., Gatea, F., Ionescu, R., Barcan, A., Rosca, R., **Zanfirescu, A.**, & Vamanu, E. (2023). *Boletus edulis* Extract—A New Modulator of Dysbiotic Microbiota. *Life*, 13(7), 1481. IF 3.25 (Q2)
3. Pușcașu, C., **Zanfirescu, A.***, & Negreș, S. (2023). Recent Progress in Gels for Neuropathic Pain. *Gels*, 9(5), 417. IF 4.432 (Q2)
4. Andrei, C., **Zanfirescu, A.***, Nițulescu, G. M., Olaru, O. T., & Negreș, S. (2023). Natural Active Ingredients and TRPV1 Modulation: Focus on Key Chemical Moieties Involved in Ligand–Target Interaction. *Plants*, 12(2), 339. FI 4.76 (Q1)
5. Nitulescu, G., Mihai, D. P., **Zanfirescu, A.**, Stan, M. S., Gradinaru, D., & Nitulescu, G. M. (2022). Discovery of New Microbial Collagenase Inhibitors. *Life*, 12(12), 2114. IF 3.23 (Q2)
6. Andrei, C., Mihai, D. P., **Zanfirescu, A.**, Nitulescu, G. M., & Negreș, S. (2022). In Silico Drug Repurposing Framework Predicts Repaglinide, Agomelatine and Protokylol as TRPV1 Modulators with Analgesic Activity. *Pharmaceutics*, 14(12), 2563. IF 6.16 (Q1)
7. Ungurianu, A., **Zanfirescu, A.***, & Margină, D. (2022). Regulation of Gene Expression through Food—Curcumin as a Sirtuin Activity Modulator. *Plants*, 11(13), 1741. FI 4.68 (Q1)
8. Ungurianu, A., **Zanfirescu, A.***, Grădinaru, D., Ionescu-Tîrgoviște, C., Dănciulescu Miulescu, R., & Margină, D. (2022). Interleukins and redox impairment in type 2 diabetes mellitus: mini-review and pilot study. *Current Medical Research and Opinion*, 1-20 [ISSN 0300-7995, FI 2.705 (Q1)]
9. **Zanfirescu, A.**, Nitulescu, G., Mihai, D. P., & Nitulescu, G. M. (2022). Identifying FAAH Inhibitors as New Therapeutic Options for the Treatment of Chronic Pain through Drug Repurposing. *Pharmaceutics*, 15(1), 38.
10. Nitulescu, G., Nitulescu, G. M., **Zanfirescu, A.**, Mihai, D. P., & Gradinaru, D. (2022). Candidates for Repurposing as Anti-Virulence Agents Based on the Structural Profile Analysis of Microbial Collagenase Inhibitors. *Pharmaceutics*, 14(1), 62. IF 6.16 (Q1)
11. **Zanfirescu, A.**, Marineci, C. D., Păun, G., Ungureanu, O., Neagu, E., Chiriță, C., Velescu, B.Ș., Negreș S. (2021). Chitosan supports containing *Impatiens Noli-Tangere* and *Symphytum Officinale* hydroalcoholic extracts in burns treatment: antimicrobial and healing effects. *Farmacologia*, 69(5), 948-953.
12. Nitulescu, G., Margina, D., **Zanfirescu, A.**, Olaru, O. T., & Nitulescu, G. M. (2021). Targeting bacterial sortases in search of anti-virulence therapies with low risk of resistance development. *Pharmaceutics*, 14(5), 415.
13. Ungurianu, A., **Zanfirescu, A.**, Nițulescu, G., & Margină, D. (2021). Vitamin E beyond its antioxidant label. *Antioxidants*, 10(5), 634.
14. **Zanfirescu, A.**, Ungurianu, A., Mihai, D. P., Radulescu, D., & Nitulescu, G. M. (2021). Targeting monoacylglycerol lipase in pursuit of therapies for neurological and neurodegenerative diseases. *Molecules*, 26(18), 5668.
15. Ștefănescu, E., Moroșan, E., Gurgu, H., Ghiță, I.C.V., **Zanfirescu, A.***, Zbârcea, C.E., Mușat, O., Negreș, S. (2019). Experimental pharmacological research regarding the effect of some newly synthesized B-phenylethylamines on the modified parameters of the lipid metabolism. *Revista Farmacia*; 67(4):596-602 [ISSN 0014-8237, IF 1.527]
16. **Zanfirescu, A.**, Ungurianu, A., Tsatsakis, A. M., Nițulescu, G. M., Kouretas, D., Veskoukis, A., Margină, D. (2019). A Review of the Alleged Health Hazards of Monosodium Glutamate. *Comprehensive Reviews in Food Science and Food Safety*, 18(4),1111-1134 [ISSN: 1541-4337, IF: 8.738]
17. Olaru, O. T., **Zanfirescu, A.**, Nitulescu, G. M., Nitulescu, G., Dinu-Pirvu, C. E., Anuta, V., Seremet, O. C. (2019). Predictive power of the Triticum root elongation test for the assessment of

- novel anti-proliferative therapies. *International journal of molecular medicine*, 44(1), 16-24 [ISSN: 1107-3756, IF: 2,784]
18. Fierascu, R. C., Georgiev, M. I., Fierascu, I., Ungureanu, C., Avramescu, S. M., Ortan, A., **Zanfirescu A.**, Velescu, B. S. (2018). Mitodepressive, antioxidant, antifungal and anti-inflammatory effects of wild-growing Romanian native *Arctium lappa* L.(Asteraceae) and *Veronica persica* Poiret (Plantaginaceae). *Food and Chemical Toxicology*, 111, 44-52 [ISSN: 0278-6915, IF: 3,778]
19. Fierascu, I., Ungureanu, C., Avramescu, S. M., Cimpeanu, C., Georgescu, M. I., Fierascu, R. C., **Zanfirescu A.**, Velescu, B.S., Dinu-Pirvu, C. E. (2018). Genoprotective, antioxidant, antifungal and anti-inflammatory evaluation of hydroalcoholic extract of wild-growing *Juniperus communis* L.(Cupressaceae) native to Romanian southern sub-Carpathian hills. *BMC complementary and alternative medicine*, 18(1), 3. [ISSN:1472-6882, IF:2,94]
20. Andonie, D. A., Seremet, O. C., Stefanescu, E., **Zanfirescu, A.**, Grosan, A., Osz, B. E., & Dogaru, M. T. (2018). The Pharmacological Effect Of Valproic Acid, Levetiracetam, Carbamazepine And The Coadministration Of Valproic Acid-Levetiracetam And Carbamazepine-Levetiracetam On Tactile Sensitivity, Motor Activity And The Formation Of Conditioned Reflex In Rats. *Revista Farmacia*, 66(2), 267-274 [ISSN: 0014-8237, IF:1,507].
21. **Zanfirescu, A.**, Cristea, A. N., Nitulescu, G. M., Velescu, B. S., & Gradinaru, D. (2017). Chronic Monosodium Glutamate Administration Induced Hyperalgesia in Mice. *Nutrients*, 10(1), 1 [ISSN 2072-6643 ; IF: 3,55]
22. Nitulescu, G., Nicorescu, I. M., Olaru, O. T., Ungurianu, A., Mihai, D.P., **Zanfirescu, A.**, Margina, D. (2017). Molecular Docking and Screening Studies of New Natural Sortase A Inhibitors. *International journal of molecular sciences*, 18(10), 2217 [ISSN 1422-0067, IF: 3,22]
23. Paun, G., Neagu, E., Moroeanu, V., Albu, C., Ursu, T. M., **Zanfirescu, A.**, Radu, G. L. (2017). Anti-inflammatory and antioxidant activities of the *Impatiens noli-tangere* and *Stachys officinalis* polyphenolic-rich extracts. *Revista Brasileira de Farmacognosia* [ISSN: 0102-695X, IF: 1,059]
24. Nitulescu, G., Zanfirescu, A., Olaru, O. T., Nicorescu, I. M., Nitulescu, G. M., & Margina, D. (2016). Structural analysis of sortase A inhibitors. *Molecules*, 21(11), 1591 [ISSN 1420-3049, IF: 2,86]
25. Negreș, S., **Zanfirescu, A.***, Ionică, F. E., Moroșan, E., Velescu, B. Ș., Șeremet, O. C., Margină, D. M. (2016). Pharmacotoxicological screening on new derivatives of beta-phenylethylamine, potential agonists of beta3-adrenergic receptors. *Romanian journal of morphology and embryology= Revue roumaine de morphologie et embryologie*, 57(3), 969-978 [ISSN: 1220-0522, 2066-8279, IF: 0,811].
26. Negreș S., Scutari C., Ionică F.E., Gonciar V., Velescu B.Ș., Șeremet O.C., **Zanfirescu A.**, Zbârcea C.E., Ștefănescu E., Ciobotaru E., Chiriță C. (2016). Influence of hyperforin on the morphology of internal organs and biochemical parameters, in experimental model in mice. *Romanian journal of morphology and embryology= Revue roumaine de morphologie et embryologie*; 57(2):663-673 [ISSN print 1220-0522; ISSN online 2066-8279; FI/2015: 0,811].
27. Nitulescu, G. M., Nedelcu, G., **Buzescu, A*.**, Olaru, O. T. (2016). Aminopyrazoles as privileged structures in anticancer drug design-an in silico study. *Bulg. Chem. Commun*, 48, 55-60 [ISSN0324-1130, IF: 0,349]
28. **Buzescu A.**, Negreș S., Lefter M., Velescu B.Ș., Ștefănescu E., Chiriță C., Nicolescu F. (2014) The influence of some psychotropic substances on conditioning using an active avoidance paradigm. *Revista Farmacia*, 62(1):202-210 [ISSN 0014-823; IF 0.578]
29. Negreș S., Zbârcea C.E., Arsene A., Chiriță C., **Buzescu A.**, Velescu B.Ș., Ștefănescu E., Șeremet O.C., Nicolescu F. (2013). Experimental pharmacological model for inducing and quantifying depression in mouse. *Revista Farmacia*, 61(6):1102-16 [ISSN 0014-8237; IF 0.578]
30. **Buzescu A.**, Negreș S., Călin O., Chiriță C. (2013) Experimental Demonstration Of Hyperalgesia Induced By Repeated Ingestion Of Dietary Glutamic Acid. *Revista Farmacia*, 2013;61(5): 1009-17 [ISSN 0014-8237, IF 0.578].

1. Andrei, C., **Zanfirescu, A.***, Mihai, D. P., & Negreș, S. (2023). Paclitaxel—A Valuable Tool for Inducing Visceral Pain in Preclinical Testing?. *International Journal of Translational Medicine*, 3(1), 108-119.
2. Trif, C., Mihai, D. P., **Zanfirescu, A.**, & Nitulescu, G. M. (2022). Structural Model Based on Genetic Algorithm for Inhibiting Fatty Acid Amide Hydrolase. *AI*, 3(4), 863-870.
3. Andrei, C., **Zanfirescu, A.***, Nițulescu, G. M., & Negreș, S. (2022). Understanding the Molecular Mechanisms Underlying the Analgesic Effect of Ginger. *Nutraceuticals*, 2(4), 384-403.
4. **Zanfirescu, A.**, Nitulescu, G., Stancov, G., Radulescu, D., Trif, C., Nitulescu, G. M., Negreș S., Olaru, O. T. (2020). Evaluation of Topical Anti-Inflammatory Effects of a Gel Formulation with *Plantago Lanceolata*, *Achillea Millefolium*, *Aesculus Hippocastanum* and *Taxodium Distichum*. *Scientia Pharmaceutica*, 88(2), 26 [ISSN 2218-0532].
5. Nițulescu, G. M., Nedelcu, G., **Buzescu, A.**, Velescu, B.Ș., Olaru, O.T (2015). The pyrazole scaffold in drug development. A target profile analysis. *Studia Universitatis "Vasile Goldiș"*, 25(2), 79-85 [ISSN 1584-2363].
6. Velescu, B.Ș., Uivarosi V., **Buzescu, A.**, Sarbu, I., Ionescu, E., Anuta, V. (2014). Pharmacokinetic profile evaluation of di- μ -hydroxobis(quercetinatooxovanadium(IV) complex. *Curr Health Sci J*, 40(4), 265-270 [ISSN 2069-4032]
7. **Buzescu A.**, Cristea A.N., Avram L., Chiriță C. (2013). Experimental Study On The Addictive Behavior Induced By Dietary Glutamic Acid. *Practica Medicală*, 4(32): 229-233 [ISSN 1842-8528].
8. Velescu B.S., Uivarosi V., Anuța V., **Buzescu A.**, Negreș S. (2012). Pharmacodynamic and pharmacokinetic studies on novel vanadyl chrysin complex. *Studia Universitatis "Vasile Goldiș", Life Science Series*, 22 (4): 525-530 [ISSN1584-2363].

APPENDIX 3 - STUDIES PUBLISHED IN SUMMARY IN MAGAZINES AND VOLUMES SOME SCIENTIFIC MANIFESTATIONS WITH ISBN/ISSN

Papers communicated at national and international scientific events

1. Tănase A, Chiriță C, Velescu BȘ, Zbârcea CE, Ștefănescu E, Șeremet OC, **Zanfirescu A**, Ancuceanu RV, Negreș S. Research on the antialgesic effect of extracts of Valerianae radix and Passiflora herba. "Zilele Medicamentului" XXVth ed, Iași, 2017, 104 [ISBN: 978-973-8483-82-8]
2. Velescu BȘ, Șeremet OC, Tănase AM, Zbârcea CE, Ștefănescu E, **Zanfirescu A**, Chiriță C, Negreș S. Evaluation of the anti-inflammatory potential of a complex of RU(III) with ferrone. Zilele Medicamentului, XXVth ed, Iași, pg. 46 [ISBN: 978-973-8483-82-8]
3. Iova D, Ungureanu EM, Mija G, Neacșa A, **Zanfirescu A**. Pediatric voluntary intoxications, Bucharest National Clinical Pharmacy Conference. IInd ed, 2017, 42 [ISBN: 978-973-8483-82-8].
4. **Zanfirescu A**, Negreș S, Chirita C, Mincu C, Tanase A, Velescu BS. Antibiotherapy prescribed for the treatment of acute upper respiratory tract infections in childred. National Pharmacy Congress, 16th edition, Bucharest, 2016, ID: 288. [ISSN:2537-2823]
5. Șeremet OC, Olaru OT, Moroșan E, **Zanfirescu A**, Nițulescu MG, Negreș S. Experimental research on the effects of some extracts obtained from species of the Fallopia genus on blood glucose and lipids, in alloxan-diabetes rats. National Pharmacy Congress, 16th edition, Bucharest, 2016, ID: 66. [ISSN:2537-2823]
6. Chiriță C, Nuță CD, Limban C, Zanfirescu A, Zbârcea CE, **Negreș S**. Bioisosterism as molecular modeling approach for obtaining new derivatives with improved pharmacological profile. National Pharmacy Congress, 16th edition, Bucharest, 2016, ID: 290. [ISSN:2537-2823]
7. Șeremet CO, **Zanfirescu A**, Negreș S. Osteoporosis pharmacotherapy between risk and benefit. National Clinical Pharmacy Conference, Bucharest 2016, 28-31. [ISBN:978-973-0-21752-0].
8. Negreș S, Chiriță C, Zbârcea CE, Șeremet OC, **Zanfirescu A**, Velescu BȘ, Ștefănescu E, Tănase A, Ciotu IC. Nutritional supplement – drug interactions: clinical consequences. Launch of an interregional project on the consumption of nutritional supplements in Romania. National Clinical Pharmacy Conference, Bucharest 2016, 50-54. [ISBN:978-973-0-21752-0].
9. **Zanfirescu A**, Ungureanu EM, Chiriță C, Iova D, Negreș S. Therapeutic protocols in pediatric patients with viral hepatitis. National Clinical Pharmacy Conference, Bucharest, 102-105. [ISBN:978-973-0-21752-0].
10. Zbârcea CE, Negreș S, Chiriță C, Șeremet OC, Ciotu IC, Tănase AM, Ștefănescu E, **Zanfirescu A**, Velescu BȘ, Nicolae L. Analysis of the consumption trend of antibiotics and antifungals in the hospital pharmacy. National Clinical Pharmacy Conference, Bucharest 2016, 108-111. [ISBN:978-973-0-21752-0].
11. Nitulescu M, Nedelcu G, Velescu BS, Anuta V, Buzescu A, Seremet OC, Olaru OT. Evaluation of stability of several antitumor pyrazole derivatives under stress conditions. Volume of abstracts - International Symposium Priorities of Chemistry for Sustainable Development – PRIOCHEM, 30 – 31 Oct. 2014, Bucharest, 44. ISSN: 2285-8334.
12. Velescu BS, Anuta V, Sarbu I, **Buzescu A**, Fierascu A, Fierascu RC, Negres S. Non-clinical antiinflammatory effect evaluation of two pharmaceutical dosage forms containing an NSAID agent by plethysmometry. Volume of abstracts - International Symposium Priorities of Chemistry for Sustainable Development – PRIOCHEM, 30 – 31 Oct. 2014, Bucharest, 69. ISSN 2285 – 8334
13. Velescu BS, Costea T, Chirita C, **Buzescu A**, Morosan E, Fierascu RC, Gird C. Metabolic effects of a rubi idaei folium polyphenolic extract in an alloxan induced diabetes model. Volume of abstracts - International Symposium Priorities of Chemistry for Sustainable Development – PRIOCHEM, 30 – 31 Oct. 2014, Bucharest, 68. ISSN 2285 – 8334
14. Nuță D.C., Negreș S., **Buzescu A.**, Parii S., Limban C., Chiriță C. Noi n-(2-dialchilaminoetil)-benzanilide cu potențială acțiune antipsihotică. Revista Farmaceutică a Moldovei, Chișinău, 31 octombrie, 2014; 3-4: 51 [ISSN:1812-5077].

15. Velescu BŞ, Uivarosi V, Negreş S, Anuța V, **Buzescu A**, Margină D, Moroșan E. Experimental studies of pharmacodynamics and pharmacokinetics on a complex of vanadium with hesperetin. The XVth National Congress of Pharmacy, Sept. 23-27, 2014, Iasi, 204, ISBN 978-606-544-252-8
16. Velescu BŞ, **Buzescu A**. Acute toxicity study on some complexes of vanadium with flavonic derivatives. The XVth National Congress of Pharmacy, Sept. 23-27, 2014, Iasi, 240, ISBN 978-606-544-252-8
17. **Buzescu A**, Ciubotaru E, Brăslășu C, Negreş S. Experimental pharmacological research on the effect of repeated administration of the food additive monosodium glutamate on the rat myocardium. The XVth National Congress of Pharmacy, Sept. 23-27 2014, Iasi, 228, ISBN 978-606-544-252-8
18. Chiriță C, Veaceslav G, Scutari C, Nicorescu I, **Buzescu A**, Negreş S. Experimental pharmacological research regarding the in vitro and in vivo effect of hyperforin. The XVth National Congress of Pharmacy, 23-27 sept. 2014, Iași , 451, ISBN 978-606-544-252-8
19. **Buzescu A.**, Cristea A.N., Chiriță C. Experimental research regarding the interactions between some analgesics and dietary monosodium glutamate. Annual Congress of AMR, Bucharest, 31.04. - 02.06.2013, Suppl. 2013:58, ISSN 1220-5478
20. **Buzescu A.**, Cristea A.N., Chiriac A, Chiriță C. Experimental research on the interactions between some anxiolytics and dietary monosodium glutamate. 6th Conference of Doctoral Students and 3rd Conference of Postdoctoral Students in Medicine and Pharmacy, Târgu-Mureș, July 4-6 2013, 4.
21. **Buzescu A.**, Negreş S., Chiriță C. Osteoporosis-risk factors, methods of diagnosis, pharmacotherapy, *Pharmaceutical Practice*, 2013; 6(4):231-236. ISSN 2066-5563
22. **Buzescu A.**, Negreş S., Chiriță C. News in pharmacovigilance activity. *Pharmaceutical Practice*, 2013; 6(1):22-24. ISSN 2066-5563
23. Chiriță C., Cristea A.N., **Zanfirescu A.**, Negres S., Zbârcea C.E., Arama C., Arsene A.L. Pharmacological research on the antipsychotic effect of new benzamide derivatives in a selegiline-induced psychosis model. 14th National Congress of Pharmacy, 13-16 oct. 2010, Târgu-Mureș, Romania, *Acta Medica Marisiensis*, 2010; 56, Suppl. 2: 104 ISSN 2068-3324
24. Chiriță C., Cristea A.N., **Zanfirescu A.**, Marineci C.D., Negres S., Zbârcea C.E., Arama C., Arsene A.L. Pharmacological research on new experimental models for testing the compounds with possible anti-psychotic effect. 14th National Congress of Pharmacy, 13-16 oct. 2010, Târgu-Mureș, Romania, *Acta Medica Marisiensis*, 2010; 56, Suppl. 2: 104 ISSN 2068-3324
25. Chiriță C., **Zanfirescu A.**, Marineci C.D., Ștefănescu E., Zbârcea C.E., Șeremet O.C., Velescu B.Ș., Negreş S., Mihai D.P. Pharmacological experimental research on the adverse effects of alprazolam+bromazepam association. Comunicare orală la Conferința științifică "Actualități în farmacologie și farmacologia clinică", 30 nov.-1 dec. 2018, Chișinău, Rep. Moldova, vol. rez. 57-61 [ISSN 1729-8687])
26. Chiriță C., Scutari C., Negreş S., Gonciar V., **Zanfirescu A.**, Olaru O.T., Zbârcea C.E., Mesaruș C.I. Research on the antidepressant effect of the association hyperforin-sertraline. The 29th European Congress of Neuropsychopharmacology, 17-20 Sep. 2016, Viena. *European Neuropsychopharmacology* 2016; 26(Suppl.2): S452.
27. **Buzescu A.**, Cristea A.N., Aramă C. Experimental evidence on the increase of glutamic acid brain levels, induced by repeated ingestion of dietary monosodium glutamate. The 27th European Congress of Neuropsychopharmacology, 18-21 Oct., Berlin, Abstracts of the 27th ECNP Congress Volume 24, Supplement 2 (2014),124. ISSN 0924-977X
28. Chiriță C., Cristea A.N., **Buzescu A.**, Aramă C. Research on dual amisulpride-like action of some new derivatives in two experimental models. The 27th European Congress of Neuropsychopharmacology, 18-21 Oct., Berlin, Abstracts of the 27th ECNP Congress Volume 24, Supplement 2 (2014), 87. ISSN 0924-977X

APPENDIX 4 - NATIONAL AND INTERNATIONAL PROJECTS. PATENTS.

1. Project Manager: National project PN-III-P1-1.1-PD-2019-0574, “Drug repurposing – targeting neuroimmune interface via endocannabinoid system, for developing new therapies destined to chronic pain management”, 2019-2021.
2. Member in the research team: National project PN-II-PT-PCCA-2013-4-0034, 2014-2016, “New types of vectors obtained by biotechnological methods, for delivering phytotherapeutic principles and modelling their yield profile”.
3. Member in the research team: National project PN-II-PT-PCCA-2013-4-1953 “Developing plant-based drugs with topical administration for the treatment of allergic dermatoses.”
4. Member in the research team: National project PN-II-RU-TE-2014-4-1670, “Sortase A inhibitors. New therapeutic solutions for the treatment of the infections with multidrug resistant Gram positive Cocci”
5. Member in research team: Bilateral project Romania-China “Vegetal extracts with antinociceptive effects, utilized in neuropathic, visceral and inflammatory pain (HEXANEVIP)”- 2016-2017
6. Member in the research team: Bilateral project Romania-Moldavia “Preclinical studies on the antimicrobial effect and the toxicologic profile of hyperforin”, 2013-2015
7. Member in research team: Bilateral project Romania-Moldavia “The evaluation of antidepressant effect of active principles extracted from *Hypericum perforatum*”, 2013-2015

Application patent (no.12/12.12.2018): “BIOVECTOR- complex of double-layer membranes and bioactive principles with anti-inflammatory, antimicrobial and cicatrizing effect” [authors: G. Paun Roman, G.L. Radu, E. Neagu, V. Moroeanu, O.R. Ungureanu, V. Parvulescu, S. Negres, A. Zanfirescu, E. Ionescu].

APPENDIX 5 – PRIZES AND DISTINCTIONS

A. For the scientific articles:

1. UEFISCDI prize, code PN-III-P1-1.1-PRECISI-2019-31551 for the article “Predictive power of the Triticum root elongation test for the assessment of novel anti-proliferative therapies”, published in International Journal of Molecular Medicine
2. UEFISCDI prize, code PN-III-P1-1.1- PRECISI-2019- 34767 for the article “A Review of the Alleged Health Hazards of Monosodium Glutamate”, published in Comprehensive Reviews in Food Science and Food Safety.
3. UEFISCDI prize, code PN-III-P1-1.1-PRECISI-2018-23412 for the article “Mitodepressive, antioxidant, antifungal and anti-inflammatory effects of wild-growing Romanian native *Arctium lappa* L.(Asteraceae) and *Veronica persica* Poiret (Plantaginaceae)”, published in Food and Chemical Toxicology
4. UEFISCDI prize, code PN-III-P1-1.1-PRECISI-2018-23415 for the article “Genoprotective, antioxidant, antifungal and anti-inflammatory evaluation of hydroalcoholic extract of wild-growing *Juniperus communis* L.(Cupressaceae) native to Romanian southern sub-Carpathian hills”, published in BMC complementary and alternative medicine.
5. UEFISCDI prize, code PN-III-P1-1.1-PRECISI2018-23004, for the article “Chronic Monosodium Glutamate Administration Induced Hyperalgesia in Mice”, published in Nutrients.
6. UEFISCDI prize, code PN-III-P1-1.1-PRECISI-2017-14185, for the article “Structural analysis of sortase A inhibitors”, published in Molecules.
7. UEFISCDI prize, code PN-III-P1-1.1-PRECISI-2018- 21246, for the article “Molecular Docking and Screening Studies of New Natural Sortase A Inhibitors” published in the International Journal of Molecular Sciences.

B. Prizes received for books and other scientific works:

1. Excellence Award for the Scientific Paper “Therapeutic protocols in pediatric patients”, authors: Zanfirescu A, Ungureanu ME, Iova D, Negreş S., Bucharest National Clinical Pharmacy Conference, Ed. I, 2016
2. Excellence Award for the Scientific Paper “Orphan drugs, an effective and safe therapeutic solution in rare diseases”, authors: Negreş S., Scutari C., Zbârcea C.E., Zanfirescu A., Chiriță C.; The National Conference of Pharmacy, 2014
3. Excellence Award for the Scientific Paper “Pharmaceutical book” – Pharmacotherapy I, vol. I, Pharmacists’ Gala, IVth Ed., 2015.
4. Excellence Award for the Scientific Paper “Experimental research regarding the interactions between some analgesics and dietary monosodium glutamate”, authors: Zanfirescu (Buzescu) A., Cristea A.N., Chiriță C.; Congresul anual al Asociației Medicale Române, București, 2013.