



Curriculum vitae



Personal information

First names / Surname

IULIA ANDREEA PINZARU

Address

Eftimie Murgu, Sq 2, Faculty of Pharmacy, Timișoara 300041

E-mail

iuliapinzaru@umft.ro

Nationality

Romanian

Occupational field Work experience

ASSOCIATE PROFESSOR – TOXICOLOGY, DRUG INDUSTRY, MANAGEMENT AND LEGISLATION - TEACHING AND RESEARCH

2014 – present

Associate Professor

„Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

Education - University, Research

2012 – 2014

Chemist - Clinical Hospital CF Timisoara, 13-15 T. Vladimirescu, 300173, Timisoara, Timis, Romania

Health - Hospital

2005 – 2011

PhD Student „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania

Education - University, Research

2018 - 2021

PhD Student „Victor Babeș” University of medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

Education - University, Research

2016 – 2019

Metabolomics Responsible Axe 1 a POC - POC-A1- A1.1.4 – E-2015 - Utilizarea modelelor nutrigenomice pentru personalizarea tratamentelor dietetice in obezitate (The use of nutrigenomic models for personalization of dietetic treatments in obesity) (NUTRIGEN) – project value 8.805.149,00 lei, „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

University – Health/Scientific Research

2007 – 2008

Project manager – National project CNCISIS: PN II168 / 2007 Title: DNA/RNA markers and inhibitors, „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania

University - Scientific Research

2020 - 2022

Member – scientific researcher PN-III-P1-1.1-TE-2019-2134, acronim BAPRONIO Title: Redarea către piața dermocosmetica a unei formulări topice moderne cu acid betulinic încorporat in proniozomi, „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

University - Scientific Research

2022 - 2024

Management team member, trainer team member ERASMUS 2022-1-RO01-KA220-HED-000088958 Title: Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in Pharmaceuticals, Agriculture and Nutrition „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

University – Education, Continuous professional training

2022

Member – Innovation Manager CNFIS-FDI-2022-0484 Title: Implementation of modern techniques for the continuous development of the practice base in the field of medicinal plant products within UMF „Victor Babeș” Timisoara - „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

University – Institutional Development

2022

Member – Innovation Manager CNFIS-FDI-2022-0474 Title: Consolidation and development of student entrepreneurial activities through students and PhD students within UMFVBT - „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

University – Institutional Development

2021	Member - associate professor, procurement expert, chemist engineer CNFIS-FDI-2021-0498 Title: Dezvoltarea bazei de practica in domeniul plantelor medicinale a Universitatii de Medicina si Farmacie „Victor Babeş” Timisoara / Development of the practice base in the field of medicinal plants „Victor Babeş” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Institutional Development
2019-2021	Management team member, trainer team member ERASMUS project 2019-1-RO01-KA203-063499 Title: Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes „Victor Babeş” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Education, Continuous professional training
2019	Member - associate professor, procurement expert, chemist engineer CNFIS-FDI-2019-0393 Title: Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale / Center for development of practical abilities in the field of dermo-cosmetic products based on medicinal plants „Victor Babeş” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Institutional Development
2018	Member - associate professor, procurement expert, chemist engineer CNFIS-FDI-2018-0159 Title: Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale/ Center for development of practical abilities in the field of medicinal plants „Victor Babeş” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Institutional Development
2017 - 2018	Member – Scientific researcher III-C5-PCFI-2017/2018-04, “Potențialul antiinflamator, chemopreventiv și antitumoral în cancerul mamar al unor extracte vegetale standardizate din <i>Melissa officinalis</i> L. in nanoformulări cu ciclodextrine” (Anti-inflammatory, chemopreventive and antitumoral potential in breast cancer of standardized plant extracts from <i>Melissa officinalis</i> L. in nanoformulations with cyclodextrins) – project value 135.000 lei University - Scientific Research
2016 - 2017	PIII – C4 – PCFI – 2016/2017 – 03 – ACRONIM : NANOCEL Evaluarea in vitro și in vivo a mecanismelor de moarte celulara indusă de nanoparticulele magnetice în interacțiunea cu celulele tumorale – project value 135.000 lei „Victor Babeş” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University - Scientific Research
2016 - 2018	Member – Scientific researcher PN-III-P2-2.1-BG-2016-0354, Contract no 115/2016 – project value 450.000 lei Title - Formulări pe bază de betulină și nanoparticule de aur în combaterea procesului de îmbătrânire a pielii (Formulations based on betulin and gold nanoparticles to combat skin aging) „Victor Babeş” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University - Scientific research
2016 - 2018	Member – Scientific researcher PN-III-P2-2.1-BG-2016- 0455, Contract no 122/2016 – project value 440.001 lei Title: Formulări de avangardă pe bază de eugenol nanocapsulat cu adresabilitate în medicina dentară (Avant-garde formulations based on eugenol nanocapsules addressable in dentistry) „Victor Babeş” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University - Scientific research
2008 – 2011	Researcher National Project CNCSIS PN II 62072/2008 Title: Hepatoprotective nanoparticles with high bioavailability (NanoHEPAT) „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania University - Scientific Research
2007 - 2010	National Project CNCSIS PN II 41070/2007 Title: Establishing protective action and the effects of stress and / or immunostimulatory of a new biologically active materials „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania University - Scientific Research
Main activities and responsibilities	Teaching activities – courses Drug industry and pharmaceutical biotechnology, Toxicology, Methodology of Scientific Research. Lecturer in the master program OTC drugs, dietary supplements, cosmetics; Lecturer in the master program Formulation and Evaluation of dermato-cosmetic product. Scientific research activities – Chemical/biochemical synthesis – Toxicology, <i>in vitro</i> and <i>in vivo</i> studies, obtaining and evaluation of vegetal extracts, active compounds and new formulations with impact on cancer, degenerative diseases, viral infections profilaxy/therapy.
Awards	CNCSIS Awards – “ Rewarding research results – Articol Type” PN-III-P1-1.1-PRECISI-2021-58816; PN-III-P1-1.1-PRECISI-2021-58870; PN-III-P1-1.1-PRECISI-2021-59097; PN-III-P1-1.1-PRECISI-2021-58390; PN-III-P1-1.1-PRECISI-2021-59308; PN-III-P1-1.1-PRECISI-2021-56880; PN-III-P1-1.1-PRECISI-2020-47247; PN-III-P1-1.1- PRECISI-2020- 49179 ; PN-III-P1-1.1-PRECISI-2020-50047; PN-III-P1-1.1-PRECISI-2019-30519; PN-III-P1-1.1-PRECISI-2019-34566; PN-III-P1-1.1-PRECISI-2019-35052; PN-III-P1-1.1-PRECISI-2019-35812; PN-III-P1-1.1-PRECISI-2019-32196; PN-III-P1-1.1-PRECISI-2018-25367; PN-III-P1-1.1-PRECISI-2018-21558; PN-III-P1-1.1-PRECISI-2018-21896; PN-III-P1-1.1- PRECISI-2017-16345; PN-III-P1-1.1-PRECISI-2017-15878; PN-III-P1-1.1-PRECISI-2017-16931; PN-III-P1-1.1-PRECISI-2017-20175; PN-III-P1-1.1-PRECISI-2016-12614; Code CNCSIS 250; Code CNCSIS 515

Education and training

- Diploma of Excellence in Research – 3rd place – for national and international publishing activity in research - „Victor Babeş” University of Medicine and Pharmacy Timisoara
- 2022** PhD Degree (SUMMA CUM LAUDE) (series J, no. 0056282, Order 3324/02.03.2022), Pharmacy ISCED 8
Faculty of Pharmacy / „Victor Babeş” University of Medicine and Pharmacy Timisoara
- 2012** PhD Degree (series H, no. 0018814, Order 5743/12.09.2012), Chemical Engineering ISCED 8
Faculty of Industrial Chemistry and Environmental Engineering / Politehnica University of Timisoara / Sept 2012
- 2022** Manager of Quality Management Systems – Graduation Certificate series N no 0239204
- 2021** Certificate – Internal Auditor course for testing and calibration laboratories according to SR EN ISO/IEC 17025:2018 and ISO 19011:2018 standards / December 2021
- 2021** Advance course in Toxicology - Certificate of participation (Annual Meeting of the German Society for Experimental and Clinical Pharmacology and Toxicology (DGPT) in cooperation with the AGAH) – Kategorie A/01.03.2021
- 2018** Master Degree, Pharmacy ISCED 7
Master Programme – Medicamente de tip OTC, suplimente alimentare, cosmetice / OTC drugs, food supplements, cosmetics
Faculty of Pharmacy / „Victor Babeş” University of Medicine and Pharmacy Timisoara / July 2018
- 2008** Certificate of graduation of psycho-pedagogical studies for the didactic profession (Series E, no 0035955)
Teacher Training Department / Politehnica University of Timisoara / April 2008
- 2005** Engineer’s Degree (Series E, no. 0020643), Chemistry, speciality Technology of Organic Substances ISCED 6
The main subjects studied: Synthetic drugs, Natural drugs, Organic and semisynthetic products, Inorganic Chemistry, Organic Chemistry, Analytical Chemistry, Reactions of Organic Compounds, Chromatographic Methods of Separation and Analysis, Chemistry of Macromolecular Compounds, Spectroscopic Methods of Structure Determination etc
Faculty of Industrial Chemistry and Environmental Engineering/Politehnica University of Timisoara/ June 2005
- 1998** High school diploma (Series R, no. 0021288), real profile Mathematics-Physics ISCED 5 Calan Industrial Metallurgical School Group, July 1998

Personal skills and competences

Mother tongue

Romanian

Other languages

Self evaluation

English**French**

Job-related skills

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

Team spirit, motivation, creative spirit, excellent communication skills acquired as a result of teaching activities supported in various undergraduate, short-term, postgraduate study programs; participation in different national and international conferences; participation in research projects with foreign partners, creativity, dynamism, discipline, perseverance

The ability to communicate constructively in different social situations (to tolerate other points of view, to acknowledge individual and collective responsibility)

Skills of team coordinator, organizational spirit, ability to concentrate and plan, implement, coordinate, complete objectives or performance indicators proposed depending on the field and activity, ability to make decisions quickly and efficiently, responsibility and involvement in the activities conducted; ability to work under pressure, time management, conflict resolution, self-motivation and motivation of colleagues, teamwork, creativity, dynamism, discipline, perseverance, analytical thinking, ability to build relationships, efficiency, adaptability, openness, empathy.

Computer skills

Microsoft Office user (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio)
Advanced level, Specific analysis software

**Additional
informations**

Competencies: chemical/biochemical synthesis; UV-Vis, FTIR, HPLC, MS, NMR, SEM, TEM, TG/DTG/DTA etc. physicochemical techniques; preparation and evaluation of vegetal extracts, active compounds, and new formulations in cancer prophylaxis/therapy; in vitro molecular techniques (monolayer cells, reconstructed human tissue)

More than 80 ISI full articles in the field

h-index: 16 (WOS)

Total impact factor (articles as main author) – more than 105

13 research projects - 2 in the field of medicinal chemistry (one project manager), 1 – in the field of medicine (metabolomics responsible), 13 – in the field of health (pharmacy, medicine). Brainmap ID: U-1700-039D-1788; ORCID ID <https://orcid.org/0000-0003-2295-1926>

Invited review-er for: Food and Chemical Toxicology; Molecules; Materials; International Journal of Nanomedicine; International Journal of Molecular Sciences; Journal of Herbal Medicine; Antioxidants; Pharmaceutics; Antibiotics; Plants; Biomimetics; Drug Design, Development and Therapy

Guest Editor: Toxics, Pharmaceutics

Member of: Federation of European Toxicologist & European Societies of Toxicology (EUROTOX), Romanian Society of Pharmaceutical Sciences (SSFR), Romanian Chemistry Society, Order of Biochemists, Biologists and Chemists of Health System in Romania

Authorization of free medical practice

Driving licence

B

Annex

Relevant publications

Timisoara,
November 2022

ANNEX

PUBLICATIONS LIST

Selection of ISI Full text articles

1. Dehelean CA, Coricovac D, **Pinzaru I***, Marcovici I, Macasoi IG, Semenescu A, Lazar G, Cinta Pinzaru S, Radulov I, Alexa E, Cretu O. Rutin bioconjugates as potential nutraceutical prodrugs: An in vitro and in ovo toxicological screening. *Front Pharmacol*. 2022 Sep 23;13:1000608. doi: 10.3389/fphar.2022.1000608. **IF = 5.988**
2. Budu O, Banciu C, **Pinzaru I***, Sarău C, Lighezan D, Șoica C, Dehelean C, Drăghici G, Dolghi A, Prodea A, Mioc M. A Combination of Two Probiotics, *Lactobacillus sporogenes* and *Clostridium butyricum*, Inhibits Colon Cancer Development: An In Vitro Study. *Microorganisms*. 2022 Aug 23;10(9):1692. doi: 10.3390/microorganisms10091692. **IF = 4.926**
3. Chioran D, Sitaru A, Macasoi I, **Pinzaru I***, Sarau CA, Dehelean C, Dinu S, Szuhaneck C, Zetu IN, Serafin AC, Rivis M, Poenaru M, Dragoi R. Nicotine Exerts Cytotoxic Effects in a Panel of Healthy Cell Lines and Strong Irritating Potential on Blood Vessels. *Int J Environ Res Public Health*. 2022 Jul 21;19(14):8881. doi: 10.3390/ijerph19148881. **IF = 4.614**
4. Marcovici I, Coricovac D, **Pinzaru I***, Macasoi IG, Popescu R, Chioibas R, Zupko I, Dehelean CA. Melanin and Melanin-Functionalized Nanoparticles as Promising Tools in Cancer Research-A Review. *Cancers (Basel)*. 2022 Apr 6;14(7):1838. doi: 10.3390/cancers14071838. **IF = 6.575**
5. **Pinzaru I**, Tanase A, Enatescu V, Coricovac D, Bociort F, Marcovici I, Watz C, Vlaia L, Soica C, Dehelean C. Proniosomal Gel for Topical Delivery of Rutin: Preparation, Physicochemical Characterization and In Vitro Toxicological Profile Using 3D Reconstructed Human Epidermis Tissue and 2D Cells. *Antioxidants (Basel)*. 2021 Jan 10;10(1): E85. DOI .3390/antiox10010085 **IF = 7.675**
6. **Pinzaru I**, Sarau C, Coricovac D, Marcovici I, Utescu C, Tofan S, Popovici RA, Manea HC, Pavel IE, Soica C, Dehelean C. Silver Nanocolloids Loaded with Betulinic Acid with Enhanced Antitumor Potential: Physicochemical Characterization and In Vitro Evaluation. *Nanomaterials*. 2021; 11(1):152. doi:10.3390/nano11010152 **IF = 5.719**
7. **Pinzaru I**, Chioibas R, Marcovici I, Coricovac D, Susan R, Predut D, Georgescu D, Dehelean C. Rutin Exerts Cytotoxic and Senescence-Inducing Properties in Human Melanoma Cells. *Toxics*. 2021;11(1):152. DOI:10.3390/toxics9090226 **IF = 4.472**
8. Luca MM, Popa M, Watz CG, **Pinzaru I***, Draghici GA, Mihali CV, Dehelean CA, Buzatu R, Szuhaneck C. Space Maintainers Used in Pediatric Dentistry: An Insight of Their Biosecurity Profile by Applying In Vitro Methods. *Materials (Basel)*. 2021 Oct 19;14(20):6215. doi: 10.3390/ma14206215. **IF = 3.748**
9. Coricovac D, Dehelean CA, **Pinzaru I***, Mioc A, Aburel O-M, Macasoi I, Draghici GA, Petean C, Soica C, Boruga M, Vlaicu B, Muntean MD. Assessment of Betulinic Acid Cytotoxicity and Mitochondrial Metabolism Impairment in a Human Melanoma Cell Line. *International Journal of Molecular Sciences*. 2021; 22(9):4870. <https://doi.org/10.3390/ijms22094870> **IF = 6.208**
10. Guran K, Buzatu R, **Pinzaru I***, Boruga M, Marcovici I, Coricovac D, Avram S, Poenaru M, Susan M, Susan R, Radu D, Dehelean CA. In Vitro Pharmacotoxicological Characterization of *Melissa officinalis* Total Extract Using Oral, Pharynx and Colorectal Carcinoma Cell Lines. *Processes*. 2021; 9(5):850. <https://doi.org/10.3390/pr9050850> **IF = 3.352**
11. Hut E-F, Radulescu M, Pilut N, Macasoi I, Berceanu D, Coricovac D, **Pinzaru I**, Cretu O, Dehelean C. Two Antibiotics, Ampicillin and Tetracycline, Exert Different Effects in HT-29 Colorectal Adenocarcinoma Cells in Terms of Cell Viability and Migration Capacity. *Current Oncology*. 2021; 28(4):2466-2480. <https://doi.org/10.3390/curronc28040225> **IF = 3.109**
12. Milutinovici RA, Chioran D, Buzatu R, Macasoi I, Razvan S, Chioibas R, Corlan IV, Tanase A, Horia C, Popovici RA, Dinu S, Dehelean C, Scurtu A, **Pinzaru I**, Soica C. Vegetal Compounds as Sources of Prophylactic and Therapeutic Agents in Dentistry. *Plants (Basel)*. 2021 Oct 10;10(10):2148. doi: 10.3390/plants10102148. **IF = 4.658**
13. Popescu R, Filimon MN, Vlad DC, Verdes D, Moatar A, Moise G, Guran K, Caraba IV, Petculescu Ciochina L, **Pinzaru I**, Dehelean CA, Dumitrescu G. Antiproliferative and antibacterial potential of tetrahexylammonium bromide based ionic liquids. *Exp Ther Med*. 2021; 22:672. doi:10.3892/etm.2021.10104, print ISSN: 1792-0981 Online ISSN: 1792-1015 **IF = 2.751**
14. Antal DS, Ardelean F, Jijie R, **Pinzaru I**, Soica C, Dehelean C. Integrating Ethnobotany, Phytochemistry, and Pharmacology of *Cotinus coggygria* and *Toxicodendron vernicifluum*: What Predictions can be Made for the European Smoketree? *Front Pharmacol*. 2021 Apr 19; 12:662852. doi: 10.3389/fphar.2021.662852. **IF = 5.988**
15. Dehelean CA, Marcovici I, Soica C, Mioc M, Coricovac D, Iurciuc S, Cretu OM, **Pinzaru I**. Plant-Derived Anticancer Compounds as New Perspectives in Drug Discovery and Alternative Therapy. *Molecules*. 2021 Feb 19;26(4):1109. doi: 10.3390/molecules26041109. **IF = 4.927**
16. Farcas CG, Dehelean C, **Pinzaru IA***, Mioc M, Socoliuc V, Moaca EA, Avram S, Ghiulai R, Coricovac D, Pavel I, Alla PK, Cretu OM, Soica C, Loghin F. Thermosensitive Betulinic Acid-Loaded Magnetoliposomes: A Promising Antitumor Potential for Highly Aggressive Human Breast Adenocarcinoma Cells Under Hyperthermic Conditions. *Int J Nanomedicine*. 2020 Oct 23; 15:8175-8200. doi: 10.2147/IJN.S269630. PMID: 33122905; PMCID: PMC7591238. **IF = 6.4**
17. Anca Laura Maghiari, Dorina Coricovac, **Pinzaru IA***, Ioana Gabriela Macasoi, Iasmina Marcovici, Sebastian Simu, Dan Navolan and Cristina Dehelean. High concentrations of aspartame induce pro-angiogenic effects in ovo and cytotoxic effects in HT-29 human colorectal carcinoma cells. *Nutrients* 2020 **IF = 5.717**
18. Danciu C, Cioanca O, Watz Farcaș C, Hancianu M, Racoviceanu R, Muntean D, Zupko I, Oprean C, Tatu C, Paunescu V, Proks M, Diaconeasa Z, Soica C, **Pinzaru I**, Dehelean C. Botanical Therapeutics (Part II): Antimicrobial and In Vitro Anticancer Activity against MCF7 Human Breast Cancer Cells of Chamomile, Parsley and Celery Alcoholic Extracts. *Anticancer Agents Med Chem*. 2020 Aug 7. doi: 10.2174/1871520620666200807213734. Epub ahead of print. PMID: 33109067. **IF = 2.505**
19. Faur, A.; Watz, C.; Moacă, E.-A.; Avram, Ș.; Borcan, F.; **Pinzaru, I.**; Iftode, A.; Nicolov, M.; Popovici, R.A.; Raica, M.; Szuhaneck, C.A.; Dehelean, C. Correlations on Phenolic Screening Related to In Vitro and In Ovo Assessment of *Ocimum basilicum* L. Hydro-Alcoholic Extracts Used as Skin Active Ingredient. *Molecules* 2020, 25, 5442. **IF = 4.411**
20. Dehelean, CA; Lazureanu, V; Coricovac, D; Mioc, M; Oancea, R; Marcovici, I; **Pinzaru, I**; Soica, C; Tsatsakis, AM; Cretu, O. SARS-CoV-2: Repurposed Drugs and Novel Therapeutic Approaches-Insights into Chemical Structure-Biological Activity and Toxicological Screening. *J Clin Med*. 2020 Jul; 9(7): 2084. doi: 10.3390/jcm9072084 **IF = 4.241**

21. Farcas CG; Macasoi I; **Pinzaru I***; Chirita M; Chirita Mihaila MC; Dehelean C; Avram S; Loghin F; Mocanu L; Rotaru V; Ieta A; Ercuta A; Coricovac D. Controlled Synthesis and Characterization of Micrometric Single Crystalline Magnetite with Superparamagnetic Behavior and Cytocompatibility/Cytotoxicity Assessments. *Front. Pharmacol.* 2020; 11:410. DOI: 10.3389/fphar.2020.00410 **IF = 5.81**
22. Draghici, GA; Dehelean, C; **Pinzaru, I***; Bordean, DM; Borozan, A; Tsatsakis, AM; Kovatsi, L; Nica, D. Soil copper uptake by land snails: A semi-field experiment with juvenile *Cantareus aspersus* snails. *Environmental Toxicology and Pharmacology*, 2019, 72: UNSP 103243, DOI: 10.1016/j.etap.2019.103243 **IF = 3.292**
23. Popovici, RA; Vaduva, D; **Pinzaru, I***; Dehelean, CA; Farcas, CG; Coricovac, D; Danciu, C; Popescu, I; Alexa, E; Lazureanu, V; Stanca, HT. A comparative study on the biological activity of essential oil and total hydro-alcoholic extract of *Satureja hortensis* L. *Exp Ther Med.* 18(2), 932-942, 2019. DOI: 10.3892/etm.2019.7635 **IF = 1.785**
24. Pavel, IZ; Csuk, R; Danciu, Avram, S; Baderca, F; Cioca, A; Moaca, EA; Mihali, CV; **Pinzaru, I**; Muntean, DM; Dehelean, CA. Assessment of the Antiangiogenic and Anti-Inflammatory Properties of a Maslinic Acid Derivative and its Potentiation using Zinc Chloride. *Int J Mol Sci.* 20(11), 2019 DOI: 10.3390/ijms20112828 **IF = 4.556**
25. Tuta-Sas, I; Proks, M; Paunescu, V; **Pinzaru, I***; Sas, I; Coricovac, D; Moaca, A; Dehelean, C. Thymus vulgaris extract formulated as cyclodextrin complexes: synthesis, characterization, antioxidant activity and in vitro cytotoxicity assessment. *Farmacia* 67(3), 442-451, 2019. DOI: 10.31925/farmacia.2019.3.10 **IF = 1.607**
26. Danciu, C; **Pinzaru, I***; Coricovac, D; Andrica, F; Sizemore, I; Dehelean, C; Baderca, F; Lazureanu, V; Soica, C; Mioc, M; Radeke H. Betulin silver nanoparticles qualify as efficient antimelanoma agents in in vitro and in vivo studies. *EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS* 134, 1–19, 2019 DOI: 10.1016/j.ejpb.2018.11.006 **IF = 4.604**
27. Ursoniu, S; Sahebkar, A; Serban, MC; Pinzaru, I; Dehelean, C; Noveanu, L; Rysz, J; Banach, M. A systematic review and meta-analysis of clinical trials investigating the effects of flaxseed supplementation on plasma C-reactive protein concentrations. *ARCHIVES OF MEDICAL SCIENCE* 15(1), 12-22, Jan 2019. DOI: 10.5114/aoms.2018.81034 **IF = 2.807**
28. Coricovac, D; Farcas, C; Nica, C; **Pinzaru, I***; Simu, S; Stoian, D; Soica, C; Proks, M; Avram, S; Navolan, D; Dumitru, C; Popovici, RA; Dehelean, CA. Ethinylestradiol and Levonorgestrel as Active Agents in Normal Skin, and Pathological Conditions Induced by UVB Exposure: In Vitro and In Ovo Assessments. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 19(11), Article number 3600, Nov 2018. DOI: 10.3390/ijms19113600 **IF = 4.183**
29. Coricovac, D; Dehelean, C; Moaca, EA; **Pinzaru, I**; Bratu, T; Navolan, D; Boruga, O. Cutaneous Melanoma A Long Road from Experimental Models to Clinical Outcome: A Review. *Int J Mol Sci* 19(6), Article number 1566, Nov 2018. DOI: 10.3390/ijms19061566 **IF = 4.183**
30. Danciu, C; **Pinzaru, IA***; Dehelean, CA; Hancianu, M; Zupko, I; Navolan, D; Licker, M; Ghiulai, RM; Soica, CM. Antiproliferative and antimicrobial properties of pure and encapsulated rutin. *FARMACIA* 66(2), 302-308, Mar-Apr 2018. **IF = 1.527**
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