

Curriculum vitae Euro pass



Personal information

Name **Magyari-Pavel Ioana Zinuca**
E-mail ioanaz.pavel@umft.ro, ioanaz.pavel@yahoo.com

Work experience

Dates	September 2020 - to date
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching and research
Name and address of employer	Victor Babes University of Medicine and Pharmacy, Eftimie Murgu Square, No. 2, 300041, Timișoara, Romania; Department of Pharmacognosy
Dates	February 2014 – August 2020
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching and research
Name and address of employer	Victor Babes University of Medicine and Pharmacy, Eftimie Murgu Square, No. 2, 300041, Timișoara, Romania; Department of Pharmacognosy
Dates	October 2014 – September 2016
Occupation or position held	Pharmacist
Name and address of employer	Hospital for Infectious Diseases and Pneumophtisiology Dr. Victor Babes, Gheorghe Adam Street, No. 13, Timisoara, Timis, Romania
Dates	March 2014 – July 2014
Occupation or position held	Pharmacist
Name and address of employer	SC. SAFARFARMA.SRL-D, Someș Street, No. 50/C, Chișoda, Timiș, Romania
Dates	October 2013 – January 2014
Occupation or position held	Volunteer
Main activities and responsibilities	Teaching and research activities
Name and address of employer	Victor Babes University of Medicine and Pharmacy, Eftimie Murgu Square, No. 2, 300041, Timișoara, Romania; Department of Toxicology
Dates	December 2012 – June 2013
Occupation or position held	Practitioner
Main activities and responsibilities	Internship in Pharmacy
Name and address of employer	Dona 170 Pharmacy, Timișoara, Romania

Education

Dates	2016-2017
Title of qualification awarded	Certificate of graduation of psycho-pedagogical studies for level I and II - certification for the teaching profession
Principal subjects/occupational skills covered	Psychopedagogical competences
Name and type of organisation providing education and training	West University of Timisoara, Department of Teacher Training, Blv. Vasile Pârvan, No. 4, Timișoara, 300223, Romania
Dates	2015 - 2017
Title of qualification awarded	Master
Principal subjects/occupational skills covered	OTC drugs, dietary supplements, cosmetics
Name and type of organisation providing education and training	Victor Babes University of Medicine and Pharmacy, Eftimie Murgu Square, No. 2, 300041, Timișoara, Romania
Dates	2013 – 2017
Title of qualification awarded	PhD in Medical Sciences, <i>Summa cum Laude</i> , PhD thesis co-supervised under the coordination of Prof. Dr. Danina Muntean (Victor Babes University of Medicine and Pharmacy, Timișoara, România) and of Prof. Dr. Rene Csuk (Martin-Luther University Halle-Wittenberg, Halle (Saale), Germany)
Principal subjects/occupational skills covered	Biological and Biomedical Sciences, Pathophysiology
Name and type of organisation providing education and training	Victor Babes University of Medicine and Pharmacy, Eftimie Murgu Square, No. 2, 300041, Timișoara, Romania
Dates	2008 – 2013
Title of qualification awarded	Pharmacist
Principal subjects/occupational skills covered	Pharmacy
Name and type of organisation providing education and training	Victor Babes University of Medicine and Pharmacy, Eftimie Murgu Square, No. 2, 300041, Timișoara, Romania
Dates	2010 – 2012
Title of qualification awarded	Cosmetician
Name and type of organisation providing education and training	“Ana Aslan” Sanitary Postgraduate School, B-dul Revoluției 1989, No. 15/A, Timișoara, Romania
Dates	2004 – 2008
Title of qualification awarded	Baccalaureate degree
Name and type of organisation providing education and training	National College “Iancu de Hunedoara”, Victoriei Street, No. 12, 331078, Hunedoara, Romania
Mother tongue	Romanian

Other languages										
European level (*)	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Listening			
	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Utilizator experimentat	C1	Proficient user
English										
French										
Spanish	A2	Elementary user	A2	Elementary user	A2	Elementary user	A2	Elementary user	A1	Elementary user

(*) *Level of the Common European Framework of Reference for Languages*

Social skills and competences	Teamwork and communication skills; seriousness, responsibility; ability to work in multidisciplinary teams nationally and internationally; openness to new lines of research and interest in constantly improving the level of professional training.
Organisational skills and competences	Organizational skills obtained through involvement in various events within the faculty.
Computer skills/competences	Good command of Microsoft Office (Word, Excel, Powerpoint), GraphPad, ImageJ, EndNote, Mendeley, Oroboros DatLab, Seahorse XFe
Technical skills and competences	<ul style="list-style-type: none"> • Mitochondrial respiration studies by means of high respirometry resolution (OROBOROS Oxygraph-2k) • Determination of oxygen consumption (OCR) and extracellular acidification rate (ECAR) (Seahorse XF Analyzer) • Isolation of mouse liver mitochondria • <i>In vitro</i> studies: Cell Culture, Flow Cytometry • Experimental animal models (chemical and photochemical induced skin cancer, breast cancer, acute inflammation)
Additional information	<p>Membership Of Professional Organisations:</p> <ul style="list-style-type: none"> - Romanian College of Pharmacists - European Society for Clinical Investigation (ESCI) <p>International and national scholarships and fellowships:</p> <ul style="list-style-type: none"> • PhD scholarship obtained within the POSDRU project no. 159/1.5/S/136893 entitled "Strategic Partnership To Improve The Quality Of Medical Research In Universities Through Doctoral And Postdoctoral Scholarships– DocMed.Net_2.0" April 2014 - October 2015 • Transnational mobility performed at Martin Luther University, Halle-Wittenberg (Coordinator Prof. Rene Csuk), in the Department of Organic Chemistry, Halle (Salle), Germany January 2015 - May 2015 • National mobility performed at Iuliu Hațieganu University of Medicine and Pharmacy, (Coordinator Prof. Laurian Vlase) in the Department of Department of Biopharmacy and Pharmacokinetics, Cluj-Napoca, Romania, 18 May 2015 - 1 June 2015 • Short Term Scientific Mission, COST Action Zn-Net at the Faculty of Medicine, University of Debrecen (Coordinator Dr. Gabriella Emri), in the Department of Dermatology, Debrecen, Hungary 31 August - 2 October 2015 <p>International and national awards:</p> <ul style="list-style-type: none"> • Best poster presentation award for the scientific paper <i>Morphologic, Immunophenotypic and Bioenergetic Characterization of a Human Dermal Fibroblast Cell Line</i> held during the 25th European Students' Conference, Berlin, Germany, September 17-20, 2014.

- **Best oral presentation award** for the scientific paper *A maslinic acid derivative elicits local beneficial effects and decreases mitochondrial ROS production in a murine model of chemically-induced skin carcinoma* held during the Conference of the Society of Pathophysiology, Cluj-Napoca, România, September 7-9, 2017.

- **Best oral presentation award** for the scientific paper *Assessment of the antioxidant effect of a maslinic acid derivative in an experimental model of acute inflammation* held during the Scientific Session of the Doctoral School, Timisoara, România, December 14, 2017.

- Award for the **Quality of the PhD thesis and the contributions brought to the development of the “Victor Babeş” University of Medicine and Pharmacy** held during Days of the “Victor Babeş” University of Medicine and Pharmacy, Timișoara, Romania, December 11, 2018.

Books published:

- Corina Danciu, Stefana Avram, **Ioana Zinuca Pavel - Farmacognozie -Partea I**, Ed. Victor Babeș, 2015, ISBN Vol. I: 978-606-8456-44-7

- Stefana Avram, Corina Danciu, **Ioana Zinuca Pavel - Farmacognozie -Partea II**, Ed. Victor Babeș, 2017, ISBN Vol. II: 978-606-786-031-3

Research activity:

Citations (2024): 813 (Web of Science); 1491 (Google Scholar);

H-index (2023): 20 (Web of Science); 22 (Google Scholar);

Cumulative Impact Factor: 174.50

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Annexes **Annex 1** - List of research projects

Annex 2 - List of publications

ANNEX 1 - List of research projects:

NO.	Program/Project	Position held	Period:
1.	In Vitro and In Vivo Evaluation of Pharmacokinetic and Pharmacodynamic Profile of Triterpenic Compounds Nanoformulations with Antitumoral Effect PN-II-RU-TE-2014-4-2842	TEAM MEMBER	2015-2017
2.	New Pharmaceutical Approaches to Modulate the Bioavailability of some Flavonoids with Potential Chemopreventive Effect for Melanoma. PIII-C2-PCFI-2015/2016	TEAM MEMBER	2015-2017
3.	Experimental Research on the Effects of a Maslinic Acid Derivative at Mitochondrial Level Following Exposure to Ultraviolet Radiation and Zinc - UVB-ZN-MITO. PII-C4-TC-2016	DIRECTOR	2016
4.	Betulin and gold nanoparticles - based formulations in preventing skin aging. PN-III-P2-2.1-BG-2016-0354	TEAM MEMBER	2016-2018
5.	Potential anti-inflammatory, chemopreventive and antitumoral effect in breast cancer of standardized extracts from <i>Melissa officinalis</i> L. In nanoformulations with cyclodextrins - ROINEXTRAMAM. PIII-C5-PCFI-2017/2018	TEAM MEMBER	2017-2018
6.	Populi gemmae - a double gain for the pharmaceutical field: therapeutic potential and bio-source for green synthesis of silver nanoparticles - POPGREEN. 3POSTDOC/1238/30.01.2020	TEAM MEMBER	2020-2022
7.	New perspectives on skin cancer chemoprevention: evaluation of maslinic acid and of a maslinic acid derivative incorporated into nanoemulsions – MANEWSKIN. PN-III-P1-1.1-PD-2019-1231	DIRECTOR	2020-2022
8.	Innovative hydrogels based on polymeric micelles as release systems for oregano essential oil: an advanced pharmaceutical approach for the management of skin papillomas – OEOPMS. PN-III-P1-1.1-TE-2019-0130	TEAM MEMBER	2020-2022

ANNEX 2 - List of publications:

BOOK CHAPTERS (INTERNATIONAL PUBLISHERS)

1. Stefana Avram, Roxana Ghiulai, Ioana Zinuca Pavel, Marius Mioc, Roxana Babuta, Mirela Voicu, Dorina Coricovac, Corina Danciu, Cristina Dehelean, Codruta Soica. **Phytocompounds Targeting Cancer Angiogenesis Using the Chorioallantoic Membrane Assay** in *Natural Products and Cancer Drug Discovery*; InTech, Rijeka, 2017, Chapter 3, pp. 45-66, <http://dx.doi.org/10.5772/intechopen.68506>, ISBN 978-953-51-3314-8
2. Danciu Corina, Soica Codruta, Antal Diana, Alexandra Popescu, Roxana Ghiulai, Ioana Zinuca Pavel, Stefana Avram, Minda Daliana, Cristina Dehelean. **An Update On Natural Compounds and Their Modern Formulations for the Management of Malignant Melanoma.** in *Natural Products and Cancer Drug Discovery*; InTech, Rijeka, 2017, Chapter 9, pp. 211-253, <http://dx.doi.org/10.5772/67647>, ISBN 978-953-51-3314-8
3. Corina Danciu, Diana Antal, Stefana Avram, Valentina Buda, Ioana Zinuca Pavel, Daliana Minda, Florina Ardelean, Mirela Nicolov, Cristina Dehelean. **Essential Mineral Elements: Macronutrients and Micronutrients from Herbs in Human Health.** in *Phytochemicals: Plant Sources and Potential Health Benefits*, Iman Ryan (Editor), NOVA Science Publishers, *Series: Plant Science Research and Practices*, New York, 2019, Chapter 1, pp. 1-51, ISBN CARTE: 978-1-53615-479-5 (ebook), ISBN CAPITOL: 978-1-53615-478-8, <https://novapublishers.com/shop/phytochemicals-plant-sources-and-potential-health-benefits/>
4. Valentina Buda, Minodora Andor, Diana Antal, Florina Ardelean, Ioana Zinuca Pavel, Cristina Dehelean, Codruta Soica, Roxana Folescu, Felicia Andrei, Corina Danciu. **Cardioprotective Effects of Cultivated Black Chokeberries (*Aronia* spp.): Traditional Uses, Phytochemistry and Therapeutic Effects.** in *Natural Products - From Bioactive Molecules to Human Health*; IntechOpen, Rijeka, 2020, pp. 1-24, <http://dx.doi.org/10.5772/intechopen.92238>, <https://www.intechopen.com/online-first/cardioprotective-effects-of-cultivated-black-chokeberries-aronia-spp-traditional-uses-phytochemistry>

BOOK CHAPTERS (NATIONAL PUBLISHERS)

1. Ioana Zinuca Pavel, Cristina Dehelean, Rene Csuk, Danina Muntean. **Therapeutical Effects of Maslinic Acid: A brief Overview.** Clasic si Modern in Fiziopatologie - O abordare integrativa in educatie si cercetare, Editura Gh. T. Popa, 2015, pag. 113-118, ISBN 978-606-544-310-5

IN EXTENSO ISI ARTICLES – WEB OF SCIENCE

1. Daliana Minda, Ioana Zinuca Pavel* (*equal contribution), Florin Borcan, Dorina Coricovac, Iulia Pinzaru, Florina Andrica, Claudiu Morgovan, Lucian Dumitru Nita, Codruta Soica, Danina Muntean, Claudia Crina Toma. **Beneficial Effects of a Lupeol-Cyclodextrin Complex in a Murine Model of Photochemical Skin Carcinoma.** Revista de chimie, 2015, 66. No 3, 373-377. **IF= 0.956**
2. Ioana Zinuca Pavel, Oana M. Duicu, Corina Danciu, Cristina Dehelean, Florina M. Bojin, Virgil Paunescu, Danina M. Muntean, Adrian Sturza, Lavinia Noveanu. **Immune and Bioenergetic Profiling of a Human Dermal Fibroblast Cell Line.** Revista de Chimie, 2015, 66. No. 11, 1755-1758. **IF= 0.956**
3. Corina Danciu, Cosmin Citu, Istvan Zupko, Roxana Ghiulai, Petru Matusz, Ioana Zinuca Pavel, Alexandra Popescu, Iulia Pinzaru, Georgeta Simu, Vlad C. Daliborca. **In Vitro Antiproliferative Activity Of Flavonols: Fisetin, Quercetin And Kaempferol And Their Cyclodextrin Complexes.** Farmacia, 2015, Vol. 63, 6, pag 858-864. ISSN: 0014-8237 (Printed Edition). ISSN: 2065-0019 (On-Line Edition). **IF = 1.005**
4. Cosmin Citu, Corina Danciu, Iulia Pinzaru, Roxana Ghiulai, Lavinia Vlaia, Vicentiu Vlaia, Florin Borcan, Catalin Dumitru, Ioana Zinuca Pavel, Ioan Sas, Elena Bernad. **Genistein and its Fatty Acid Esters as New In vitro Antitumor Compounds.** Revista de chimie, 2015, Vol 66, No 8, pag 1100-1104. **IF= 0.956**
5. Corina Danciu, Marius Biris, Boglárka Balázs, Erzsébet Csányi, Ioana Zinuca Pavel, Georgeta Pop, Codruta Soica, Lavinia Ceuta, Lucian Nita, Claudiu Morgovan, Dana Stoian. **Pro-apoptotic Effect of Soy Total Extract Incorporated in Lyotropic Liquid Crystals Formulation.** Revista de chimie, 2015, Vol 66, No 7, pag 1138-1141. **IF= 0.956**
6. Dehelean CA, Soica C, Pinzaru I, Coricovac D, Danciu C, Pavel I, Borcan F, Spandidos DA, Tsatsakis AM, Baderca F. **Sex differences and pathology status correlated to the toxicity of some common carcinogens in experimental skin carcinoma.** Food Chem Toxicol. 2016 Sep;95:149-158. doi: 10.1016/j.fct.2016.07.007. **IF = 3.778**

7. Heller L, Knorrscheidt A, Flemming F, Wiemann J, Sommerwerk S, Pavel IZ, Al-Harrasi A, Csuk R. **Synthesis and proapoptotic activity of oleanolic acid derived amides**. Bioorg Chem. 2016 Aug 6;68:137-151. doi: 10.1016/j.bioorg.2016.08.004. **IF = 3.231**
8. Oprean C, Borcan F, Pavel I, Dema A, Danciu C, Soica C, Dehelean C, Nicu A, Ardelean A, Cristea M, Ivan A, Tatu C, Bojin F. **In Vivo Biological Evaluation of Polyurethane Nanostructures with Ursolic and Oleanolic Acids on Chemically-induced Skin Carcinogenesis**. In Vivo. 2016 09-10;30(5):633-8. **IF= 0.953**
9. Pavel IZ, Danciu C, Oprean C, Dehelean CA, Muntean D, Csuk R, Muntean DM. **In Vitro Evaluation of the Antimicrobial Ability and Cytotoxicity on Two Melanoma Cell Lines of a Benzylamide Derivative of Maslinic Acid**. Anal Cell Pathol (Amst). 2016;2016:2787623, pag 1-6. doi: 10.1155/2016/2787623. Epub 2016 Dec 5. **IF= 1.078**
10. Andrada Iftode, Mircea Florin Berceanu, Raul Chioibas, Andrei Motoc, Zorin Crainiceanu, Tiberiu Bratu, Dorina Coricovac, Iulia Pinzaru, Ioana Zinuca Pavel. **Experimental Skin Carcinoma by UVB Application**. Revista de chimie, 2016, 67. No 10, 1970-1972. **IF= 1.232**
11. Stefana Avram, Corina Danciu, Ioana Zinuca Pavel, Raluca Amalia Ceausu, Sorin Avram, Cristina Dehelean, Marius Raica. **Polyphenols, Antioxidant Activity and Anti-angiogenic Potential of Red and White Grapes**. Revista de chimie, 2016, Vol. 67, No. 2, pag. 382-385. **IF= 1.232**
12. Pavel IZ, Heller L, Sommerwerk S, Loesche A, Al-Harrasi A, Csuk R. **Drotaverine - a Concealed Cytostatic!** Arch Pharm (Weinheim). 2017 Jan;350(1), pag 1-5. doi: 10.1002/ardp.201600289. Epub 2016 Nov 23. **IF= 1.994**
13. Ioana Zinuca Pavel, Cristina Adriana Dehelean, Lenard Farczadi, Dana Maria Muntean, Laurian Vlase, Corina Danciu, Rene Csuk, Florin Birsasteanu, Danina Mirela Muntean. **Assessment of a maslinic acid derivative and its metabolite in rat blood by liquid chromatography coupled with mass spectrometry**. Revista de chimie, 2017, 68. No 5, 1089-1094. **IF= 1.412**
14. Corina Danciu, Ersilia Alexa, Stefana Avram, Daliana Minda, Ioana Zinuca Pavel, Roxana Babuta, Marius Mioc, Ionut Ledeti, Ioana Cuc Hepcal, Andrei Motoc. **Total polyphenol content and antiproliferative activity of green tea extracts collected from romanian pharmaceuticals market**. Revista de chimie, 2017, 68. No 6, 1174-1176. **IF= 1.412**
15. Ioana Zinuca Pavel, Oana Andrada Iftode, Iulia Pinzaru, Dorina Coricovac, Alina Moaca, Claudia Farcas, Sebastian Claudiu Simu, Codruta Soica, Cristina Dehelean, Andrei Motoc. **Skin specific cells and uvb damage an experimental assessment**. Revista de chimie, 2017, 68. No 6, 1227-1231. **IF= 1.412**
16. Avram S, Coricovac DE, Pavel IZ, Pinzaru I, Ghiulai R, Baderca F, Soica C, Muntean D, Branisteanu DE, Spandidos DA, Tsatsakis AM, Dehelean CA. **Standardization of A375 human melanoma models on chicken embryo chorioallantoic membrane and Balb/c nude mice**. Oncol Rep. 2017 Jul;38(1):89-99. doi: 10.3892/or.2017.5658. Epub 2017 May 22. . **IF= 2.976**
17. Ioana Zinuca Pavel, Alina Elena Pârveu, Cristina Adriana Dehelean, Laurian Vlase, René Csuk, Danina Mirela Muntean. **Assessment of the antioxidant effect of a maslinic acid derivative in an experimental model of acute inflammation**. Farmacia, 2017; 65(3), 390-395. **IF = 1.507**
18. Danciu C, Pavel IZ, Babuta R, Ersilia A, Pop G, Soica C, Dehelean C, Radulov I, Oana S. **Total phenolic content, FTIR analysis, and antiproliferative evaluation of lupin seeds harvest from western Romania**. Ann Agric Environ Med. 2017 Dec 23;24(4):726-731. doi: 10.26444/aaem/80795. Epub 2017 Dec 22. **IF = 1.116**
19. Danciu C, Avram S, Pavel I, Ghiulai R, Dehelean C, Ersilia A, Minda D, Petrescu C, Moaca E, Soica C. **Main Isoflavones Found in Dietary Sources as Natural Anti-inflammatory Agents**. Curr Drug Targets. 2018;19(7):841-853, doi: 10.2174/1389450118666171109150731. **IF = 2.642**
20. Muntean D, Adrian S, Pavel I, Duicu O. **Modulation of Cancer Metabolism by Phytochemicals - A Brief Overview**. Anticancer Agents Med Chem. 2018;18(5):684-692, doi: 10.2174/1871520617666171114102218. **IF = 2.18**
21. Danciu C, Soica C, Antal D, Ersilia A, Ghiulai R, Pavel I, Ardelean F, Babuta R, Popescu A, Dehelean C. **Natural Compounds in the Chemoprevention of Malignant Melanoma**. Anticancer Agents Med Chem. 2018;18(5):631-644, doi: 10.2174/1871520617666171121142522. **IF = 2.18**
22. Sturza A, Pavel I, Ancușa S, Danciu C, Dehelean C, Duicu O, Muntean D. **Quercetin exerts an inhibitory effect on cellular bioenergetics of the B164A5 murine melanoma cell line**. Mol Cell Biochem. 2018 Oct;447(1-2):103-109. doi: 10.1007/s11010-018-3296-x. Epub 2018 Jan 29. **IF = 2.884**
23. Mioc M*, Pavel IZ* (*equal contribution), Ghiulai R, Coricovac DE, Farcaș C, Mihali CV, Oprean C, Serafim V, Popovici RA, Dehelean CA, Shtilman MI, Tsatsakis AM, Șoica C. **The Cytotoxic Effects of Betulin-Conjugated Gold Nanoparticles as Stable Formulations in Normal and Melanoma Cells**. Front Pharmacol. 2018 May 3;9:429, p 1-16. doi: 10.3389/fphar.2018.00429. eCollection 2018. **IF = 3.845**

24. Marius Preda, Adelina Cheveresan, Iulia Pinzaru, Amadeus Dobrescu, Ioana Zinuca Pavel, Vicentiu Vlaia, Eugen Sis. **Chemical Composition and Biological Activity of Birch Bark Extracts on Human and Murine Healthy/Melanoma Cell Lines**. *Revista de Chimie (Rev. Chim.)*, 2018, Volume 69, Issue 7, 1907-1910, **IF = 1.605**
25. Oana M. Duicu, Ioana Z. Pavel, Florin Borcan, Danina M. Muntean, Adelina Cheveresan, Emanuel A. Bratu, Laura Cristina Rusu, Olimpiu Ladislau Karancsi. **Characterization of the eugenol effects on the bioenergetic profile of scc-4 human squamous cell carcinoma cell line**. *Revista de chimie*, 2018, 69. No 9, 2567-2570. **IF = 1.605**
26. Valentina Gabriela Gurita (Ciobotaru)*, Ioana Zinuca Pavel* (*equal contribution), Marioara Poenaru, Elena Alina Moaca, Sorin Florescu, Corina Danciu, Victor Dumitrascu, Ilinca Imbrea, Georgeta Pop. **Assessment of the antioxidant effect of ethanolic extracts obtained from Agrimonia eupatoriaL., Filipendula ulmaria (L.) Maxim. and Filipendula vulgaris Moench collected from the estern part of Romania**. *Revista de chimie*, 2018, 69. No 9, 2385-2390. **IF= 1.605**
27. Sanda-Liliana Coșarță, Elena-Alina Moacă, Corneliu Tanase, Daniela Lucia Muntean, Ioana Zinuca Pavel (corresponding author), Cristina Adriana Dehelean. **Spruce And Beech Bark Aqueous Extracts: Source Of Polyphenols, Tannins And Antioxidants Correlated To In Vitro Antitumor Potential On Two Different Cell Lines**. *Wood Science and Technology*, March 2019, Volume 53, Issue 2, pp 313–333, <https://doi.org/10.1007/s00226-018-1071-5>, 1-21. **IF = 2.109**
28. Ghițu, A.; Schwiebs, A.; Radeke, H.H.; Avram, S.; Zupko, I.; Bor, A.; Pavel, I.Z. (corresponding author); Dehelean, C.A.; Oprean, C.; Bojin, F.; Farcas, C.; Soica, C.; Duicu, O.; Danciu, C. **A Comprehensive Assessment of Apigenin as an Antiproliferative, Proapoptotic, Antiangiogenic and Immunomodulatory Phytocompound**. *Nutrients*, Aprilie 2019, 11(4), pii: E858, p 1-19. DOI: 10.3390/nu11040858. **IF = 4.546**
29. Pavel, I.Z.; Csuk, R.; Danciu, C.; Avram, S.; Baderca, F.; Cioca, A.; Moacă, E.-A.; Mihali, C.-V.; Pinzaru, I.; Muntean, D.M.; Dehelean, C.A. **Assessment of the Antiangiogenic and Anti-Inflammatory Properties of a Maslinic Acid Derivative and its Potentiation using Zinc Chloride**. *Int. J. Mol. Sci.*, Iunie 2019, 20(11), pii: E2828, p 1-18. doi: 10.3390/ijms20112828. **IF = 4.556**
30. Moacă, E.-A.; Pavel, I.Z.* (*equal contribution); Danciu, C.; Crăiniceanu, Z.; Minda, D.; Ardelean, F.; Antal, D.S.; Ghiulai, R.; Cioca, A.; Derban, M.; Simu, S.; Chioibaș, R.; Szuhaneck, C.; Dehelean, C.-A. **Romanian Wormwood (*Artemisia absinthium* L.): Physicochemical and Nutraceutical Screening**. *Molecules*, August 2019, 24(17), pii: E3087, p 1-21. doi: 10.3390/molecules24173087. **IF = 3.267**
31. Denisa Cîrcioban, Ioana Zinuca Pavel* (*corresponding author), Adriana Ledeti, Ionut Ledeti, Corina Danciu, Cristina Dehelean. **Cytotoxic activity evaluation on breast cells of guest-host complexes containing artemisinin**. *Revista de chimie*, 2019, 70. No 8, 2843-2846. **IF = 1.755**
32. Valentina Gabriela Gurita (Ciobotaru)*, Ioana Zinuca Pavel (*equal contribution), Florin Borcan, Alina Moaca, Corina Danciu, Zorita Diaconeasa, Ilinca Imbrea, Daliborca Vlad, Victor Dumitrascu, Georgeta Pop, **Toxicological evaluation of some essential oils obtained from selected Romania Lamiaceae species in complex with hydroxypropyl - gamma-cyclodextrin**. *Revista de chimie*, 70(10):3703-3707, 2019, **IF = 1.755**
33. Brigitta Kis, Feng Chen Ifrim, Valentina Buda, Stefana Avram, Ioana Zinuca Pavel, Diana Antal, Virgil Paunescu, Cristina Adriana Dehelean, Florina Ardelean, Zorita Diaconeasa, Codruta Soica, Corina Danciu. **Cannabidiol—from plant to human body: a promising bioactive molecule with multi-target effects in cancer**, *Int. J. Mol. Sci.* November 2019, 20(23):5905, p 1-24; doi:10.3390/ijms20235905, **IF = 4.556**
34. Antal DS, Ardelean F, Avram S, Pavel IZ, Danciu C, Soica C, Dehelean C. **Flavonolignans: One Step Further in the Broad-Spectrum Approach of Cancer**. *Anticancer Agents Med Chem.* 2020 Jan 23. doi: 10.2174/1871520620666200124112649, **IF = 2.505**
35. Ghiulai R, Avram S, Stoian D, Pavel IZ, Coricovac D, Oprean C, Vlase L, Farcas C, Mioc M, Minda D, Motoc A, Szuhaneck C, Danciu C, Soica C, Sima L. **Lemon Balm Extracts Prevent Breast Cancer Progression In Vitro and In Ovo on Chorioallantoic Membrane Assay**. *Evid Based Complement Alternat Med.* 2020 Apr 14;2020:6489159, p 1-17. doi: 10.1155/2020/6489159, **IF = 2.629**
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