

PERSONAL INFORMATION



Ștefana Avram

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PRESENT JOB

September 2018 - onwards

Associate Professor

Discipline of Pharmacognosy
UMFT “Victor Babes” Timișoara (Piața Eftimie Murgu, nr. 2, Timișoara, 300041, Romania;
<http://www.umft.ro>)
Pharmaceutical Education

WORK EXPERIENCE

February 2014 - August 2018

Assistant Professor

Discipline of Pharmacognosy
UMFT “Victor Babes” Timișoara (Piața Eftimie Murgu, nr. 2, Timișoara, 300041, Romania;
<http://www.umft.ro>)
Pharmaceutical Education

March 2008 - January 2014

Teaching Assistant

Discipline of Pharmacognosy
UMFT “Victor Babes” Timișoara (Piața Eftimie Murgu, nr. 2, Timișoara, 300041, Romania;
<http://www.umft.ro>)
Pharmaceutical Education

January 2008 – November 2008

Pharmacist

SC Catena Hygeia SRL, Timisoara, Romania
Retail Pharmaceutical Services

EDUCATION AND TRAINING

November 2008-January 2013

PhD

Inhibitors and Stimulators of Angiogenesis in Experimental Model

Department of Histology, Faculty of Medicine, “Victor Babes” University of Medicine and Pharmacy, Timisoara, Romania

2009-2011

Certificate of First and Second Degree in Teaching

Department of Educational Staff Training

“Aurel Vlaicu” University Arad, Romania

2002-2007

Master’s Degree in Pharmacy (Licentiate of Pharmacy)

Faculty of Pharmacy, “Victor Babes” University of Medicine and Pharmacy, Timisoara, Romania

1998-2002

Bachelor’s Degree (Baccalaureate Diploma)

Science-English (Mathematics-Physics-English)

“Moise Nicoara” National High school, Arad, Romania

PERSONAL SKILLS

Mother tongue(s) **Romanian**

| Other language(s) | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |
| Certificate in Advanced English - Cambridge | | | | | |
| French | C2 | C2 | C2 | C1 | C1 |

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication, Teaching skills

- good teaching skills (and communication in French) through university experience
- good communication skills, ability to adapt to students' knowledge level by teaching in Romanian and French
- lecturer in Pharmacy courses, Pharmacognosy and Phytotherapy
- lecturer in master programmes, Faculty of Pharmacy, UMFVBT
- lecturer in Postgraduate continuing pharmaceutical education and continuing professional development programmes
- capacity of synthesis and writing for educational and research purposes
- team spirit and interpersonal skills in academic activities, leadership positions
- managerial spirit, within the coordinated projects
- team spirit in collaboration with other researchers from various teams
- activities within a francophone theatre group
- Educational certificate of psycho-pedagogical skills, 2011
- Certificates of participation at the Summer School Modern Technologies in Medical Education, Szeged, July 18-22, 2011
- Certificate of participation in the Timisoara Medical Education Days Conference, Timișoara, April 15-17, 2013
- member of the organizing committee of the Timisoara Medical Education Days Conference, Timișoara, March 7-9, 2019
- participation in the event of the European Week of Democratic Education, Timisoara, May 10-15, 2019
- participation in courses and practice sessions on Non-Violent Communication, 2019, 2020

Professional skills

- Research in the bio-pharmaceutical and medical field
- techniques for obtaining, purification, standardization of plant extracts
 - qualitative and quantitative analysis techniques applied to plant materials
 - thin layer chromatography
 - spectrophotometry
 - in vivo experimental model - chorioallantoic membrane of the embryonated egg
 - microscopy and stereomicroscopy techniques
 - in vitro techniques
 - biological and pharmacological investigation of natural compounds and plant extracts, of nanoformulations, with applicability in chemoprevention and antitumor therapy, inflammation, skin irritation: in vitro and in ovo techniques
 - applications of the chorioallantoic membrane (CAM) method, an in vivo experimental approach to evaluate the toxicological potential, biocompatibility, irritability of natural compounds and extracts for topical
 - investigation of anti-inflammatory, healing activity and modulation of the angiogenic process, both in physiological and pathological conditions, by implementing experimental tumor models using the chorioallantoic membrane
 - evaluation of the implications of the extracts or compounds tested at the level of the tumor microenvironment

Computer skills

- good knowledge of Microsoft Office™ (Word, Excel, Power Point, Publisher), Instant JChem, FreeMind, Lucia G, Photoshop, GIMP, ImageJ, Angioquant, Mendeley, Zoom, Jamboard, Padlet

Other interests ▪ nature, gastronomy, gardening, hiking, yoga, theater, music, watercolor painting, dance, swimming, urban cycling, travel

Driving licence ▪ B

ADDITIONAL INFORMATION

Research visibility

Citations (2023): 1138; 899 without autocitations (Web of Science); 1716 (Google Scholar);

H-index (2023): 21 (Web of Science); 23 (Google Scholar);

Cumulative Impact Factor: **216.399**

BrainMap ID(UEF-ID): U-1700-039R-2835

ORCID iD: <https://orcid.org/0000-0002-4824-6769>

Memberships

Chairman of the Scientific Research Committee (Faculty of Pharmacy)

Member of the Strategy, Reform and Curricular Development Commission (Faculty of Pharmacy)

Member of the Commission for the supervision of teaching activities on online platforms (Faculty of Pharmacy)

Member of the Licence Examination Commission (Faculty of Pharmacy)

Member of evaluation commissions within the competitions for the position

Member of Research Centre for Pharmaco-Toxicological Evaluation (FARMTOX) UMFVBT

Member of College of Pharmacists Romania

Member of Society of Pharmaceutical Sciences of Romania

Projects

Manager

"Antiinflammatory, chemopreventive and antitumoral potential in breast cancer models of standardized plant extracts from *Melissa officinalis* L. in nanoformulations with cyclodextrins" ROINEXTRAMAM, UMFT Victor Babes III-C5-PCFI-2017/2018-04 -project manager

"Malignant melanoma with N-RAS mutation: targeted experimental approach by natural compounds", CAMMeIRasNa, UMFT Victor Babes, PII-C2-TC-2014, -project manager

Partner:

"Synthesis of compounds with potential antitumor activity by derivatization reactions and their characterization by hyphenated techniques. Evaluation of antiangiogenic, antineoplastic and anti-inflammatory activity" SYNTANTITUM, UMFT Victor Babes, III - C1 – PCFI - 2014/2015–project responsible (partner)

Member:

„Innovative hydrogels containing polymeric micelles as drug delivery systems for oregano essential oil: an advanced pharmaceutical approach for the management of skin tags" UEFISCDI PN-III-P1-1.1-TE-2019-0130 - member

„Populi gemmae- a double gain for the pharmaceutical field: therapeutic potential and bio-source for green synthesis of silver nanoparticles", UMFVBT 3POSTDOC/1238/2020- member

"Natural compounds targeting mast cell: implications in the process of angiogenesis", Strategic partnership for better quality of scientific research from medical universities by awarding doctoral and postdoctoral fellowships" – DocMed.net _2.0, POSDRU/159/1.5/S/136893 – postdoctoral researcher, member of the target group

"In vitro and in vivo pharmacokinetic and pharmacodynamic profile of nanoformulations with triterpene compounds with antitumor effect", UEFISCDI PN-II-RU-TE-2014-4-2842, - member

"Nanostructures with auronones, chalcones and standardized plant extracts: development of a new chemopreventive and anti-inflammatory prototype agent ", UEFISCDI mobility international bilateral grant Romania-Franta, RO-FR 789/30.06.2014 - member

"Evaluation of some modern pharmaceutical formulations obtained by complexation of of some pentacyclic triterpenes with polysaccharides functionalised derivatives", UEFISCDI Bilateral project Romania -Hungary 674/22.04.2013, - member

"Study of implementation of vegetal antitumor bioproducts of triterpenic type by nanostructure formation, in skin therapies, by efficacy/toxicity analysis ", UEFISCDI, PN II ID_1257/2007 - member

"Lymphangiogenesis in molecular subtypes of breast cancer: a prerequisite for targeted therapy of

lymph node metastasis", UEFISCDI, Idei, 345/2011 - member

Bursa postdoctorala în cadrul "Parteneriat strategic pentru creșterea calității cercetării științifice din universitățile medicale prin acordarea de burse doctorale și postdoctorale – DocMed.Net_2.0, POSDRU/159/1.5/S/136893 –Director Proiect Prof.Univ. Dr. Felicia Loghin

Center for the development of practical skills in the field of medicinal plants - CNFIS-FDI-2018-0159-member

Center for professional development in the field of dermato-cosmetic products based on medicinal plants, CNFIS-FDI-2019-0393- member

Development of the practical base in the field of medicinal plants of the Victor Babeș University of Medicine and Pharmacy Timișoara - CNFIS-FDI-2021-0498 – member

Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a UMF Victor Babeș din Timișoara- CNFIS-FDI-2022-0484 – membru

Augmentarea multifuncționalității bazei de practică în domeniul produselor vegetale medicinale prin inovare interdisciplinară cu transpunere în sfera digitală - CNFIS-FDI-2023-F-0448 – membru

Editor

Topic Editor for Front. Pharmacol., Section Ethnopharmacology: Skin: Benefits of natural products in topical applications (2023)

Publications

Books – National Publisher

1. Avram Ș, Danciu C, Pavel IZ, Farmacognozie – Partea a II-a, Editura Victor Babeș, Timișoara, 2017, 170 p, ISBN vol. II 978-606-786-031-3
2. Danciu C, Avram Ș, Pavel IZ, Farmacognozie – Partea I, Editura Victor Babeș, Timișoara, 2015, 284 p, ISBN vol. I 978-606-8456-44-7

Chapters - International Publisher

1. Corina Danciu, Diana Antal, **Ștefana Avram**, Valentina Buda, Ioana Zinuca Pavel, Daliana Minda, Florina Ardelean, Mirela Nicolov, and Cristina Dehelean. Essential Mineral Elements: Macronutrients and Micronutrients from Herbs in Human Health- Phytochemicals: Plant Sources and Potential Health Benefits, Ed. Iman Ryan, Series: Plant Science Research and Practices, ISBN: 978-1-53615-478-8, Nova Science Publishers, Inc., New York, USA, 2019
2. **Ștefana Avram**, Roxana Ghiulai, Ioana Zinuca Pavel, Marius Mioc, Roxana Babuta, Mirela Voicu, Dorina Coricovac, Corina Danciu, Cristina Dehelean and Codruta Soica (2017). Phytochemicals Targeting Cancer Angiogenesis Using the Chorioallantoic Membrane Assay, Natural Products and Cancer Drug Discovery, Dr. Farid Badria (Ed.), Chapter 3, InTech, DOI: 10.5772/intechopen.68506. Print ISBN 978-953-51-3313-1
3. Danciu Corina, Soica Codruta, Antal Diana, Alexandra Popescu, Roxana Ghiulai, Ioana Zinuca Pavel, **Ștefana Avram**, Minda Daliana and Cristina Dehelean (2017). An Update On Natural Compounds and Their Modern Formulations for the Management of Malignant Melanoma, Natural Products and Cancer Drug Discovery, Dr. Farid Badria (Ed.), InTech, DOI: 10.5772/67647. Print ISBN 978-953-51-3313-1
4. Codruța Șoica, Diana Antal, Florina Andrica, Roxana Băbuța, Alina Moacă, Florina Ardelean, Roxana Ghiulai, **Ștefana Avram**, Corina Danciu, Dorina Coricovac, Cristina Dehelean and Virgil Păunescu (2017). Lupan-Skeleton Pentacyclic Triterpenes with Activity against Skin Cancer: Preclinical Trials Evolution, Unique Aspects of Anti-cancer Drug Development, Dr. Jolanta Latosińska (Ed.), Chapter 5, InTech, DOI: 10.5772/intechopen.68908. Print ISBN 978-953-51-3347-6

In extenso publications ISI (WOS)

1. Antal DS, Avram Ș(AC) and Heinrich M (2023), Editorial: Skin: benefits of natural products in topical applications. Front. Pharmacol. 14:1305705. doi: 10.3389/fphar.2023.1305705 (5.6, Q1)
2. Nistor G, Mioc A, Mioc M, Balan-Porcarasu M, Ghiulai R, Racoviceanu R, Avram Ș, Prodea A, Semenescu A, Milan A, Dehelean C, Șoica C. Novel Semisynthetic Betulinic Acid–Triazole Hybrids with In Vitro Antiproliferative Potential. Processes. 2023; 11(1):101. <https://doi.org/10.3390/pr11010101>, (3.352, Q2) 10.3390/pr11010101 eISSN 2227-9717
3. Avram Ș (AP), Bora L, Vlaia LL, MuțAM, Olteanu G-E, Olariu I, Magyari-Pavel IZ, Minda D, Diaconeasa Z, Sfirloaga P, et al. Cutaneous Polymeric-Micelles-Based Hydrogel Containing Origanum vulgare L. Essential Oil: In

- Vitro Release and Permeation, Angiogenesis, and Safety Profile In Ovo. *Pharmaceuticals*. 2023; 16(7):940. <https://doi.org/10.3390/ph16070940> (4.6, Q1)
4. Bora L, Avram S, Pavel IZ, Muntean D, Liga S, Buda V, Gurgus D, Danciu C. An Up-To-Date Review Regarding Cutaneous Benefits of *Origanum vulgare* L. Essential Oil. *Antibiotics*. 2022; 11(5):549. <https://doi.org/10.3390/antibiotics11050549> (4.8)
 5. Minda D, Ghiulai R, Banciu CD, Pavel IZ, Danciu C, Racoviceanu R, Soica C, Budu OD, Muntean D, Diaconeasa Z, Dehelean CA, Avram S. Phytochemical Profile, Antioxidant and Wound Healing Potential of Three *Artemisia* Species: In Vitro and In Ovo Evaluation. *Applied Sciences*. 2022; 12(3):1359. <https://doi.org/10.3390/app12031359> (2.7)
 6. Ghiulai R, Mioc M, Racoviceanu R, Prodea A, Milan A, Coricovac D, Dehelean C, Avram S, Zamfir AD, Munteanu CVA, Ivan V, Soica C. Structural Investigation of Betulinic Acid Plasma Metabolites by Tandem Mass Spectrometry. *Molecules*. 2022; 27(21):7359. <https://doi.org/10.3390/molecules27217359> (4.6)
 7. Ghiulai R, Mioc A, Racoviceanu R, Mioc M, Milan A, Prodea A, Semenescu A, Dehelean C, Barbu Tudoran L, Avram S, Trandafirescu C, Soica C. The Anti-Melanoma Effect of Betulinic Acid Functionalized Gold Nanoparticles: A Mechanistic In Vitro Approach. *Pharmaceuticals*. 2022; 15(11):1362. <https://doi.org/10.3390/ph15111362> (4.6)
 8. Smirnova I, Drăghici G, Kazakova O, Vlaia L, Avram S, Mioc A, et al. Hollongdione arylidene derivatives induce antiproliferative activity against melanoma and breast cancer through pro-apoptotic and antiangiogenic mechanisms. *Bioorg Chem*. 2022 Feb 1;119:105535 doi:10.1016/J.BIOORG.2021.105535. (5.1)
 9. Kis, B., Pavel, I.Z., Avram, S. et al. Antimicrobial activity, in vitro anticancer effect (MCF-7 breast cancer cell line), antiangiogenic and immunomodulatory potentials of *Populus nigra* L. buds extract. *BMC Complement Med Ther* 22, 74 (2022). <https://doi.org/10.1186/s12906-022-03526-z> (3.9)
 10. Minda D, Mioc A, Banciu C, Soica C, Racoviceanu R, Mioc M, Macaso I, Avram S, Voicu A, Motoc A, Trandafirescu C. Cyclodextrin Dispersion of Mebendazole and Flubendazole Improves In Vitro Antiproliferative Activity. *Processes*. 2021; 9(12):2185. <https://doi.org/10.3390/pr9122185> (3.352)
 11. Bociort F, Macaso I, Marcovici I, Motoc A, Grosu C, Pinzaru I, Petean C, Avram S, Dehelean CA. Investigation of Lupeol as Anti-Melanoma Agent: An In Vitro-In Ovo Perspective. *Current Oncology*. 2021; 28(6):5054-5066. <https://doi.org/10.3390/curroncol28060425> (3.109)
 12. Kazakova O, Soica C, Babaev M, Petrova A, Khusnutdinova E, Poptsov A, Macașoi I, Drăghici G, Avram S, Vlaia L, Mioc A, Mioc M, Dehelean C, Voicu A. 3-Pyridinylidene Derivatives of Chemically Modified Lupane and Ursane Triterpenes as Promising Anticancer Agents by Targeting Apoptosis. *International Journal of Molecular Sciences*. 2021; 22(19):10695. <https://doi.org/10.3390/ijms221910695> (6.208)
 13. Kazakova O, Mioc A, Smirnova I, Baikova I, Voicu A, Vlaia L, Macașoi I, Mioc M, Drăghici G, Avram S, Dehelean C, Soica C. Novel Synthesized N-Ethyl-Piperazinyl-Amides of C2-Substituted Oleanonic and Ursonic Acids Exhibit Cytotoxic Effects through Apoptotic Cell Death Regulation. *International Journal of Molecular Sciences*. 2021; 22(20):10967. <https://doi.org/10.3390/ijms222010967> (6.208)
 14. Lombrea A, Scurtu AD, Avram S, Pavel IZ, Turks M, Lugișina J, Peișuș U, Dehelean CA, Soica C, Danciu C. Anticancer Potential of Betulonic Acid Derivatives. *International Journal of Molecular Sciences*. 2021; 22(7):3676. <https://doi.org/10.3390/ijms22073676> (6.208)
 15. Alexandra Ghițu, Ioana Zinca Pavel, Stefana Avram, Brigitta Kis, Daliana Minda, Cristina Adriana Dehelean, Valentina Buda, Roxana Folescu, Corina Danciu, "An In Vitro-In Vivo Evaluation of the Antiproliferative and Antiangiogenic Effect of Flavone Apigenin against SK-MEL-24 Human Melanoma Cell Line", *Analytical Cellular Pathology*, vol. 2021, Article ID 5552664, 11 pages, 2021. <https://doi.org/10.1155/2021/5552664> (4.133)
 16. Sipos S, Moacă E-A, Pavel IZ*, Avram S*, Crețu OM, Coricovac D, Racoviceanu R-M, Ghiulai R, Pană RD, Soica CM, Borcan F, Dehelean CA, Crăiniceanu Z. *Melissa officinalis* L. Aqueous Extract Exerts Antioxidant and Antiangiogenic Effects and Improves Physiological Skin Parameters. *Molecules*. 2021; 26(8):2369. <https://doi.org/10.3390/molecules26082369>, (4.927)
 17. 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>, (3.352)
 18. Fabricky MMC, Gabor A-G, Milutinovici RA, Watz CG, Avram S, Drăghici G, Mihali CV, Moacă E-A, Dehelean CA, Galuscan A, Buzatu R, Duma V-F, Negrutiu M-L, Sinescu C. Scaffold-Type Structure Dental Ceramics with Different Compositions Evaluated through Physicochemical Characteristics and Biosecurity Profiles. *Materials*. 2021; 14(9):2266. <https://doi.org/10.3390/ma14092266>, (3.748)
 19. Pop D, Buzatu R, Moacă E-A, Watz CG, Cîntă Pinzaru S, Barbu Tudoran L, Nekvapil F, Avram S, Dehelean CA, Crețu MO, Nicolov M, Szuhaneck C, Jivănescu A. Development and Characterization of Fe₃O₄@Carbon Nanoparticles and Their Biological Screening Related to Oral Administration. *Materials*. 2021; 14(13):3556. <https://doi.org/10.3390/ma14133556> (3.748)
 20. Lombrea, A; Antal, D; Ardelean, F; Avram, S*; Pavel, IZ; Vlaia, L; Mut, AM; Diaconeasa, Z; Dehelean, CA; Soica, C; Danciu, C, A Recent Insight Regarding the Phytochemistry and Bioactivity of *Origanum vulgare* L. Essential Oil, *international journal of molecular sciences*, 2020 Dec 17;21(24):9653. doi: 10.3390/ijms21249653. (5.924)
 21. Szuhaneck, CA; Watz, CG; Avram, S; Moaca, EA; Mihali, CV; Popa, A; Campan, AA; Nicolov, M; Dehelean, C, Comparative Toxicological In Vitro and In Ovo Screening of Different Orthodontic Implants Currently Used in Dentistry, 2020, 13;13(24):5690. doi: 10.3390/ma13245690.(3.623)
 22. Faur A, Watz C, Moacă E-A, Avram S, Borcan F, Pinzaru I, Iftode A, Nicolov M, Popovici RA, Raica M, Szuhaneck CA, Dehelean C. 2020. 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* 25(22):5442. (4.412)
23. Kis B, Avram S, Pavel IZ, Lombrea A, Buda V, Dehelean CA, Soica C, Yerer MB, Bojin F, Folescu R, Danciu C. 2020. Recent Advances Regarding the Phytochemical and Therapeutic Uses of *Populus nigra* L. *Buds. Plants* 9 (11):1464. (3.935)
 24. Popa A, Dehelean C, Calniceanu H, Watz C, Brad S, Sinescu C, Marcu OA, Popa CS, Avram S, Nicolov M, Szuhaneck CA. 2020. A Custom-Made Orthodontic Mini-Implant—Effect of Insertion Angle and Cortical Bone Thickness on Stress Distribution with a Complex In Vitro and In Vivo Biosafety Profile. *Materials (Basel)*. 13(21):4789. (3.057)
 25. Ghiulai R#, Avram S# (eq. contrib), 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. *Evidence-based Complement Altern Med.* 2020;2020, <https://doi.org/10.1155/2020/6489159>. (1.813)
 26. Farcas CG, Macasoï I, Pinzaru I, Chirita M, Chirita Mihaila MC, Dehelean C, Avram S, Loghin F, Mocanu L, Rotaru V, Ieta A, Ercuta A, Coricovac D. 2020. Controlled Synthesis and Characterization of Micrometric Single Crystalline Magnetite With Superparamagnetic Behavior and Cytocompatibility/Cytotoxicity Assessments. *Front. Pharmacol.* 11:1–12. (4.225)
 27. 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;15:8175-8200 (5.115)
 28. Fecker R, Buda V, Alexa E, Avram S, Pavel IZ, Muntean D, Cocan I, Watz C, Minda D, Dehelean CA, Soica C, Danciu C. 2020. Phytochemical and biological screening of *Oenothera biennis* L. Hydroalcoholic extract. *Biomolecules* 10. (4.082)
 29. Macasoï I, Pavel IZ, Moacă AE, Avram Ștefana, David VL, Coricovac D, Mioc A, Spandidos DA, Tsatsakis A, Șoica C, Dumitrașcu V, Dehelean C. 2020. Mechanistic investigations of antitumor activity of a Rhodamine B-oleanolic acid derivative bioconjugate. *Oncol. Rep.* 44(3):1169–1183. (3.417)
 30. 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 (2.049)
 31. Kis B, Ifrim FC, Buda V, Avram S, Pavel IZ, Antal D, Paunescu V, Dehelean CA, Ardelean F, Diaconeasa Z, Soica C, Danciu C. Cannabidiol-from Plant to Human Body: A Promising Bioactive Molecule with Multi-Target Effects in Cancer. *Int J Mol Sci.* 2019 Nov 25;20(23):5905. doi: 10.3390/ijms20235905 (4.183)
 32. Pavel IZ, Csuk R, Danciu C, Avram S, Baderca F, Cioca A, Moacă 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.* 2019 ;20(11):2828 (4.183)
 33. Ghițu A, Schwiebs A, Radeke HH, Avram S, Zupko I, Bor A, Pavel IZ, Dehelean CA, Oprean C, Bojin F, Farcas C, Soica C, Duicu O, Danciu C. 2019. A Comprehensive Assessment of Apigenin as an Antiproliferative, Proapoptotic, Antiangiogenic and Immunomodulatory Phytocompound. *Nutrients.* 16;11(4):858. (4.171)
 34. Moacă, Elena-Alina; Farcaș, Claudia; Coricovac, Dorina; Avram, Ștefana; Mihali, Ciprian-Valentin; Drăghici, George-Andrei; Loghin, Felicia; Păcurariu, Cornelia; Dehelean, Cristina, Oleic Acid Double Coated Fe₃O₄ Nanoparticles as Anti-Melanoma Compounds with a Complex Mechanism of Activity—In Vitro and In Ovo Assessment (5.068)
 35. Moacă EA, Farcaș C, Ghițu A, Coricovac D, Popovici R, Cărăba-Meiță NL, Ardelean F, Antal DS, Dehelean C, Avram Ș. 2018. A Comparative Study of *Melissa officinalis* Leaves and Stems Ethanolic Extracts in terms of Antioxidant, Cytotoxic, and Antiproliferative Potential. *Evidence-based Complement Altern Med.*;2018:11–4. (1.984)
 36. 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. *Int J Mol Sci.* 2018;19(11). (4.183)
 37. 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. (3.236)
 38. Corina Danciu, Ersilia Alexa, Ștefana Avram, Daliana Minda, Ioana Zinca 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, *REV.CHIM.(Bucharest)*, 2017, 68 (6):1174-1176 (1.412)
 39. Avram S, Coricovac DE, Pavel IZ, Pinzaru I, Ghiulai R, Baderca F, Soica C, Muntean D, Branisteanu DE, Spandidos AD, Tsatsakis AM, Dehelean CA. 2017. Standardization of A375 human melanoma models on chicken embryo chorioallantoic membrane and Balb/c nude mice, *Oncology Reports* 38(1): 89–99 (IF 2.976)
 40. Caunii A, Oprean C, Cristea M, Ivan A, Danciu C, Tatu C, Paunescu V, Marti D, Tzanakakis G, Spandidos D, Tsatsakis A, Susan R, Soica C, Avram S, Dehelean C. 2017. Effects of ursolic and oleanolic on SK-MEL-2 melanoma cells: In vitro and in vivo assays. *Int. J. Oncol.* 51(6):1651–1660 (3.079)
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66. Conf. Univ. Dr. Ștefana Avram, Prof. Univ. Dr. Corina Danciu, Șef Lucr. Dr. Daliana Minda, Șef Lucr. Dr. Ioana Zinuca Magyari-Pavel, Drd. Larisa Bora, Conf. Univ. Dr. Roxana Negrea-Ghiulai, Prof. Univ. Dr. Cristina Dehelean, Prof. Univ. Dr. Codruța Șoica, Investigarea plantelor medicinale și a compușilor naturali privind angiogeneza și biocompatibilitatea: o abordare in ovo Angiogenesis and biocompatibility assessment of medicinal plants and natural compounds: an in ovo approach Congresul Național de Farmacie Ediția a XIX-a, Farmacia azi: de la tradiție la interdisciplinaritate și inteligență artificială, 27 - 28 - 29 Septembrie 2023 Cluj-Napoca – Grand Hotel Napoca
67. Conf. Univ. Dr. Roxana-Maria Negrea-Ghiulai, Conf. Univ. Dr. Marius Mioc, Conf. Univ. Dr. Ștefana Avram, Drd. Alexandra Prodea, Șef Lucr. Dr. Roxana Racoviceanu, Drd. Andreea Milan, Conf. Univ. Dr. Alexandra Mioc, Conf. Univ. Dr. Dorina Coricovac, Prof. Univ. Dr. Alina Zamfir, Prof. Univ. Dr. Codruța Șoica, Studiul metabolitelor de fază ii in vivo ai acidului betulinic Phase ii in vivo metabolites of betulic acid, Congresul Național de Farmacie Ediția a XIX-a, Farmacia azi: de la tradiție la interdisciplinaritate și inteligență artificială, 27 - 28 - 29 Septembrie 2023 Cluj-Napoca – Grand Hotel Napoca
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