

## Curriculum vitae Europass



### Personal information

Name / Forname Danciu Corina  
E-mail(s) corina.danciu@umft.ro  
Nationality(s) Romanian

### Professional information

Period	<b>2020 -Present</b>
Function or position held	<b>Head of Department II, Faculty of Pharmacy</b>
Name and Adress of the employer	Victor Babeş University of Medicine and Pharmacy, Timișoara, Eftimie Murgu square, no.2
Type of business or sector	Higher Education, Scientific Research
Period	<b>2021-Present</b>
Function or position held	<b>Professor, Department of Pharmacognosy, Head of Department</b>
Name and Adress of the employer	Victor Babeş University of Medicine and Pharmacy, Timișoara, Eftimie Murgu square, no.2
Type of business or sector	Higher Education, Scientific Research
Period	<b>2016-2021</b>
Function or position held	<b>2018- Habilitation degree- OMEN nr. 3412/22.03.2018</b>
Name and Adress of the employer	<b>Associate Professor, Department of Pharmacognosy, Head of Department</b>
Type of business or sector	Victor Babeş University of Medicine and Pharmacy, Timișoara, Eftimie Murgu square, no.2 Higher Education, Scientific Research
Period	<b>2014-2016</b>
Function or position held	<b>Senior Lecturer, Department of Pharmacognosy</b>
Name and Adress of the employer	Victor Babeş University of Medicine and Pharmacy, Timișoara, Eftimie Murgu square, no.2
Type of business or sector	Higher Education, Scientific Research
Period	<b>2009-2014</b>
Function or position held	<b>Assistant Professor, Department of Pharmacognosy</b>
Name and Adress of the employer	Victor Babeş University of Medicine and Pharmacy, Timișoara, Eftimie Murgu square, no.2
Type of business or sector	Higher Education, Scientific Research
Period	<b>2008-2009</b>
Function or position held	Pharmacist
Name and Adress of the employer	Sc. Farmado srl, Nicolae Pălescu str., Nr1
Type of business or sector	Health

**Main activities and responsibilities**

Teaching activities – courses, laboratory work Pharmacognosy - Romanian and French section, Phytotherapy - Romanian and French section, Lecturer in the master’s program OTC drugs, dietary supplements, cosmetics Postgraduate training courses for pharmacists, Scientific research activities:

- Expertise in vegetal extracts- quantitative and qualitative characterization
- Ability to work in cell culture- in vitro techniques for testing antiproliferative and proapoptotic effect.
- Skills in working with animal models (melanoma and inflammation)
- Experience in the analysis of pure natural compounds and total extracts.

Member of the Board of the Faculty of Pharmacy (2020-Present)  
 Member of the CSUD Doctoral University Council (2020-Present)  
 Member of the Council of Department II (Faculty of Pharmacy 2016-Present)  
 Member in the Council of Faculty of Pharmacy (2020-Present)  
 Coordinator of the Discipline of Pharmacognosy (Faculty of Pharmacy)  
 Member of the Licensing Commission (Faculty of Pharmacy)  
 Member of the Commission for the guidance of doctoral students (Faculty of Pharmacy)  
 Member of evaluation committees for job competitions  
 Member of institutional accreditation commissions

**Education and formation**

**Period** 2017 (thesis presentation) -2018 (obtaining the diploma)  
**Qualification / diploma** Habilitation degree  
 “Research studies on the anticancer activity of pure natural compounds or total extracts, as well as modern approaches for optimizing their therapeutic efficacy "Grigore T. Popa" University of Medicine and Pharmacy of Iași

**Period** **2009-20.02.2013**  
**Qualification / diploma** Doctor in Medical Sciences  
*In vitro-in vivo correlations regarding the recovery of skin lesions type malignant melanoma by isoflavonoid genistein -PhD conducted between Victor Babeş University of Medicine and Pharmacy, Timisoara and Clinic Goethe University Frankfurt, Germany.*  
**Name and type of education/training provider** University of Medicine and Pharmacy "Victor Babes", Timișoara, Faculty of Medicine  
 Clinic of the "Goethe University" -Frankfurt Germany

**Period** **2010-2011**  
**Qualification / diploma** Teacher Training Module.  
**Principal subjects / occupational skills** Psycho-pedagogical skills  
**Name and type of education/training provider** "Aurel Vlaicu" Arad University

**Period** **2003-2008**  
**Qualification / diploma** Bachelor of Pharmacy  
**Principal subjects / occupational skills** Assimilating theoretical and practical knowledge for practicing pharmacists, pharmaceutical sciences teacher, researcher  
**Name and type of education/training provider** University of Medicine and Pharmacy "Victor Babes", Timișoara, Faculty of Pharmacy

**Period** **1999-2003**  
**Qualification / diploma** High school diploma  
**Principal subjects / occupational skills** Mathematics and computer science  
**Name and type of education/training provider** National College "Moise Nicoara" Arad

**Personal skills and competences**

**Mother language** Romanian

**Foreign languages**

**Autoevaluation european level(\*)**

**English**

**French**

Understanding		Talking		Writing
Listening	Reading	Conversations	Oral discourse	Writing
Experienced user	Experienced user	Experienced user	Experienced user	Experienced user
Experienced user	Experienced user	Experienced user	Experienced user	Experienced user

Skills and computer use  
Social skills and competences  
Organizational skills

Microsoft Office (Word, Excel, Power Point) , GraphPad, FlowJo, Zotero, Photoshop  
Increased capacity for adaptation, collaboration, communication  
Good organizational skills gained in the professional context

Driver license

B

Further information

**Research Projects:**

**Director for the project:**

1. „Populi gemmae- a double gain for the pharmaceutical field: therapeutic potential and bio-source for green synthesis of silver nanoparticles”- 3POSTDOC/1238/2020 (2020-2022)
2. „Innovative hydrogels containing polymeric micelles as drug delivery systems for oregano essential oil: an advanced pharmaceutical approach for the management of skin tags”-PN-III-P1-1.1-TE-2019-0130 (2020-2022)
3. ” A new phytopharmaceutical approach for murine melanoma: incorporation of isoflavone genistein in nanostructures with target delivery for the PDGF  $\beta$  receptor”. Internal competition UMFT-15250-19.12.2012 (2013-2014)

**Manager for the project :**“ New pharmaceutical approaches for modulating the bioavailability of certain flavonoids with chemopreventive potential for malignant melanoma”- Partners in fundamental innovative research - PIII-C2-PCFI-2015/2016 FLAVOFORM

**Members in the research team for the projects :**

- 1.“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 “;
- 2.“Doctoral fellowships for competitive PhD in the European area of research ”POSDRU/88/1.5/S/63117;
- 3.“Evaluation of the impact of UV radiation and antitumor therapy for dermal fibroblasts and cutaneous experimental cancer ”- Bilateral cooperation III No. 665-22.04.2013;
- 4.“ Evaluation of some modern pharmaceutical formalities obtained by complexation of selected pentacyclic triterpenes functionalized polysaccharide derivatives ”- Bilateral cooperation III No.674-22.04.2013
- 5., Nanostructures with aurones , chalcone and standardisation plant extracts : development of a new prototype agent with chemopreventive and anti inflammatory ”, international bilateral project between Romania and France, contract RO-FR 789/30.06.2014;
- 6.Formulations based on betulin and gold nanoparticles to combat skin aging PN-III-P2-2.1-BG-2016-0354, 115/2016
7. Antiinflammatory, chemopreventive and antitumoral potential in breast cancer models of standardized plant extracts from *Melissa officinalis* L. in nanoformulations with cyclodextrins, III-C5-PCFI-2017/2018-04
8. Center for the development of practical skills in the field of medicinal plants - CNFIS-FDI-2018-0159
- 9.Center for professional development in the field of dermato-cosmetic products based on medicinal plants, CNFIS-FDI-2019-0393
10. „A comprehensive in vitro and in vivo evaluation of Aronia melanocarpa (Michx.) Elliott standardised bio juice on blood pressure levels and endothelial damage. A prospective study”-5DOC/1425/03.02.2020
11. ” Lupeol as bioactive natural compound in the local treatment of wounds and inflammation from mild to severe pathologies: experimental evaluations and market pre-proposal”-1EXP-1233/30.01.2020
12. In vitro absorption and bioavailability of anthocyanins and their metabolites - PN-III-P1-1.1-TE-2019-0960-(2020-2022)

**Awards:**

1. Prize for the best paper section of foreign doctoral students- The phytochemical society of Europe travel grant for PHD students for the presentation entitled- The influence of isoflavonoid genistein incorporated in hydroxy-propyl-gamma-cyclodextrin on experimental B164A5 murine melanoma model on mice- The International PSE Symposium on Phytochemicals in Nutrition and Health, 27-30 Sept, 2011, Bari, Italy- <http://www.phytochemicalsociety.org/bari/>
2. Third Prize for special merits in the scientific activity within the "Victor Babeş" University of Medicine and Pharmacy, Timișoara, UMF Days, November 21-22, 2013
3. Award for special contribution in the scientific research activity, National Congress of Pharmacy, 16th Edition, Pharmacy-Center of the Interdisciplinarity of Life Sciences, Bucharest, 28 Sept-01 Oct 2016
4. Euroinvent, European exhibition of creativity and innovation 10th edition, Silver medal for the work –In vitro antibacterial activity of some plant essential oils from Cupressaceae family –Pop C, Imbrea IM, Alexa EC, Imbrea F, Botau D, Dehelean CA, Danciu C 17-19 May 2018, Iasi
5. Articles rewarded UEFISCDI (Executive Unit for the Financing of Higher Education, Research, Development and Innovation) CNCS (National Council for Scientific Research) 2013: 3
6. Articles rewarded UEFISCDI CNCS 2014: 3
7. Articles rewarded UEFISCDI CNCS 2015: 3
8. Articles rewarded UEFISCDI CNCS 2016: 2
9. Articles rewarded UEFISCDI CNCS 2017: 2
10. Articles rewarded UEFISCDI CNCS 2018:3
11. Articles rewarded UEFISCDI CNCS 2019:8
12. Articles rewarded UEFISCDI CNCS 2020:9
13. Articles rewarded UEFISCDI CNCS 2021:6

**External internships:**

Within the project POSDRU / 88 / 1.5 / S / 63117 I did an 8-month internship at the Clinic of the "Goethe University" Frankfurt, Germany, Department of Immune Pharmacology and Toxicology, coord. Prof. Dr. Med. Heinfried Radeke. During this internship I acquired the competence to work in cell cultures

Short-term internships at the University of Medicine and Pharmacy in Szeged, Faculty of Pharmacy

**Workshops, congresses:**

Workshop organization:

"Phytotherapy-complementary method of therapeutic approach", within the event: Communication with the patient, March 19-23, 2019, League of Pharmacist Students from Timișoara

"Dermato-cosmetic products as forms. Testing the safety of cosmetic products", 13-14 June 2019, Workshop within the project- "Center for professional development in the field of dermato-cosmetic products based on medicinal plants"

„Ecological natural preparations with antifungal action” - organized within the Bridge Project BG 2016 -0126, 2016-2018- 23.05.2018, University of Agricultural Sciences and Veterinary Medicine of Banat „King Mihai I of Romania” from Timișoara

Workshop participation:

"Student assessment: what works, what doesn't", Tim-med, March 8, 2019, Timisoara

Member of the evaluation committee: Scientific Paper Presentation - Pharmaceutical Sciences (oral presentation), International Congress of Scientific Communications for Students, Young Doctors and Pharmacists, Marisiensis, Ed.23., March 27-31, 2019

Member of the evaluation committee: Scientific Paper Presentation - Pharmaceutical Sciences (poster presentation), International Congress of Scientific Communications for Students, Young Doctors and Pharmacists, Marisiensis, Ed.23., March 27-31, 2019

**Member of the editorial board for ISI pubmed journals**

**Plants (MDPI)** (ISSN 2223-7747), **IF (2022)-4.658**

**Experimental and therapeutic medicine** (Spandidos Publications)- Print ISSN: 1792-0981

Online ISSN: 1792-1015, **IF (2022)-2.751**

**Molecular medicine reports** (Spandidos Publications)- Print ISSN: 1791-2997

Online ISSN: 1791-3004, **IF(2022)-3.423**

**Analytical cellular pathology (Hindawi)**, ISSN: 2210-7185 (Online) ; **IF (2022)- 4.133**

**Clinical Cancer Drugs** ISSN: 2212-6988 (Online); ISSN: 2212-697X (Print) (Bentham Science)

#### Guest editor of ISI magazines:

**Anticancer agents in medicinal chemistry**, ISSN: 1875-5992 (Online), 2017-2018;ISSN: 1871-5206 (Print), IF (2021)-2.527;Thematic Issue-New approaches to cancer chemoprevention

**Anticancer agents in medicinal chemistry**, ISSN: 1875-5992 (Online), 2018-2019;ISSN: 1871-5206 (Print), IF (2021)-2.527;Thematic Issue: Natural bioactive compounds , vegetal extracts and modern pharmaceutical formulations: new insights into the anti-cancer mechanism of action

**Plants (MDPI)** (ISSN 2223-7747), IF (2021)- 4.658; Thematic Issue: Natural compounds – successful solutions for the medical challenges of the 21st Century

**Plants (MDPI)** (ISSN 2223-7747), IF (2022)- 4.658; Thematic Issue: Natural compounds – successful solutions for the medical challenges of the 21st Century-Part II

**Plants (MDPI)** (ISSN 2223-7747), IF (2023) – 4.5; Thematic Issue: Therapeutic Potential of Natural Compounds: In Vitro and In Vivo Approaches

#### Guest editor for books published in international publishers

“**Bioactive Compounds in Nutraceutical and Functional Food for Good Human Health**” Eds Kavita Sharma, Kanchan Mishra, Kula Kamal Senapati, **Danciu Corina**, -ISBN print 978-1-83880-887-7, Online 978-1-83880-888-4, 7 aprilie 2021, **Editura Intech**, Rijeka: Janeza Trdine 9, 51000 Rijeka, Croatia; London: 5 Princes Gate Court, London, SW7 2QJ, UK

**Up to date I have been main/co-author for 16 books/ book chapters and over 100 ISI papers**

**H index Web of Science:24**

**H index GoogleScholar:31**

## List of publications- Prof. Dr. Habil. Pharm.Danciu Corina

### Books / Chapters in National/International Publishers

1. **Corina Danciu** - Implicațiile fitoestrogenilor cu structură izoflavonoidică în recuperarea leziunilor tegumentare de tip melanom malign, Editura Victor Babeș, 2013, ISBN 978-606-8456-05-8
2. Cristina Adriana Dehelean, **Corina Danciu**, Georgeta Maria Simu, Codruța Marinela Șoica- Elemente de metodologia cercetării științifice, Editura Victor Babeș, 2013, ISBN 978-606-8456-13-3
3. **Corina Danciu**, Cristina Dehelean, Codruța Soica- Natural Compound Genistein: From Consecrated to New Utilizations and Formulations , in Biotechnology - Drug Discovery, Vol.7, Chapter 2, pp 43-61, Series ISBN: 1-62699-022-0, Vol. ISBN:1-62699-015-8, 2014, Studium Press, LLC, USA
4. Codruța Șoica, Cristina Trandafirescu, Florin Borcan, **Corina Danciu**, Georgeta Simu, Cristina Dehelean- Nanoformulations with cyclodextrins as carriers for skin targeting of active drugs, in Biotechnology- Novel Drug Delivery, Vol. 8, pag 29-56, Series ISBN: 1-62699-015-8, Vol. ISBN No.: 1-62699-023-9, 2014, Studium press LLC, USA
5. **Corina Danciu**, Stefana Avram, Ioana Zinuca Pavel- Farmacognozie- Partea I, Editura Victor Babeș, 2015, ISBN 978-606-8456-44-7
6. **Corina Danciu**, Stefana Avram, Ioana Zinuca Pavel- Farmacognozie- Partea I- Format electronic, Editura Victor Babeș, 2015, ISBN 978-606-8456-58-4
7. **Corina Danciu**- Pharmacognosie. Notes de cours- Partie I, Editura Victor Babeș, 2015, ISBN 978-606-8456-74-4
8. Stefana Avram, **Corina Danciu**, Ioana Zinuca Pavel- Farmacognozie- Partea II, Editura Victor Babeș, 2017, ISBN 978-606-786-031-3
9. **Corina Danciu**, Codruța Soica, Diana Antal, Alexandra Popescu, Stefana Avram, Roxana Ghiulai, Ioana Zinuca Pavel, Daliana Minda, Cristina Dehelean- An update of natural compounds and their modern formulations for the management of malignant melanoma, "Phytochemistry - Natural Products and Cancer", Ed. Farid A. Badria ,ISBN 978-953-51-3314-8, Print ISBN 978-953-51-3313-1, Intech, 211-253, 2017

10. **Corina Danciu**, Suci Oana, Diana Simona Antal , Florina Ardelean , Aimée Rodica Chiș , Codruța Șoica , Florina Andrica, Cristina Dehelean, Brigitha Vlaicu - New insights regarding the potential health benefits of isoflavones, "Flavonoids", Ed. José Justino ,ISBN 978-953-51-5338-2, Intech , 257-286 ,2017
11. 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, "Phytochemistry - Natural Products and Cancer", ISBN 978-953-51-3314-8, Print ISBN 978-953-51-3313-1, Intech 2017
12. Codruta Soica, Diana Antal, Florina Andrica, Roxana Babuta, Alina Moaca, Florina Ardelean, Roxana Ghiulai, Stefana Avram, **Corina Danciu**, Dorina Coricovac, Cristina Dehelean- Lupan- skeleton pentacyclic triterpenes with activity against skin cancer:preclinical trials evolution, "Unique Aspects of Anti-cancer Drug Development", ISBN 978-953-51-3348-3, Print ISBN 978-953-51-3347-6, Intech 2017
13. Codruta Soica, Iulia Pinzaru, Cristina Trandafirescu, Florina Andrica, **Corina Danciu**, Marius Mioc, Dorina Coricovac, Cassian Sitaru, Cristina Dehelean-Silver, gold and iron based metallic nanoparticles: biomedical applications as therapeutic agents for cancer, p161-241 in Design of nanostructures for theranostics applications, Ed.AM Grumezescu, Elsevier 2018, ISBN-978-0-12-813669-0
14. **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- 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
15. Ursula Stănescu (editor), Monica Hăncianu, Cerasela Elena Gîrd- Farmacognozie. Produse vegetale cu substanțe bioactive. **Corina Danciu**- Capitol: Produse vegetale care conțin izoflavone, Editura Polirom, Iași, 2020, ISBN-978-973-46-7996-6
16. Valentina Buda, Minodora Andor, Antal Diana, 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, DOI: 10.5772/intechopen.92238,Intech 2020

#### ISI Thomson Reuters papers

1. **Corina Tiulea**, Camelia Peev, Diana Brezovan, Cristina Dehelean, Andrei Motoc- A comparison regarding antiproliferative action between soy total extract and genistein, Rom. J. Morphol. Embryol., 52(3 suppl):1065-1069,2011, Impact factor 0,523
2. **Corina Danciu**, Codruta Soica, Erzsebet Csanyi, Rita Ambrus, Stefana Feflea, Camelia Peev, Cristina Dehelean - Changes in the anti-inflammatory activity of soy Isoflavonoid genistein versus genistein incorporated in two types of cyclodextrin derivatives, Chem Cent J, 6: 58, doi:10.1186/1752-153X-6-58, 2012, Impact factor 1,312.
3. Codruța Șoica, Cristina Dehelean, **Corina Danciu**, Hai Ming Wang, Gerhard Wenz, Rita Ambrus, Florina Bojin, Mariana Anghel- Betulin Complex in  $\gamma$ -Cyclodextrin Derivatives: Properties and Antineoplastic Activities in In Vitro and In Vivo Tumor Models, Int. J. Mol. Sci., 13: 14992-15011; doi:10.3390/ijms131114992, 2012, Impact factor 2,464
4. **Corina Danciu**, Florin Borcan, Florina Bojin, Istvan Zupko, Cristina Dehelean- Effect of the Isoflavone Genistein on Tumor Size, Metastasis Potential and Melanization in a B16 Mouse Model of Murine Melanoma, Nat. Prod. Comm., 8(3):343-346, 2013, Impact factor 0,924
5. **Corina Danciu**, Alexandra Falamas, Cristina Dehelean, Codruta Soica, Heinfried Radeke, Lucian Barbu-Tudoran, Florina Bojin, Simona Cîntă Pînzaru, Melania F Munteanu- A characterization of four B16 murine melanoma cell sublines: molecular fingerprint and proliferation behavior, Cancer Cell Int, 13:75, doi:10.1186/1475-2867-13-75, 2013, Impact factor 1.989
6. **Corina Danciu**, Codruta Soica, Mircea Oltean, Stefana Avram, Florin Borcan, Erzsebet Csanyi, Rita Ambrus, Istvan Zupko, Delia Muntean, Cristina Adriana Dehelean, Marius Craina, Ramona A. Popovici- Genistein in 1:1 inclusion complexes with ramified cyclodextrins: theoretical, physicochemical and biological evaluation, Int J Mol Sci. 2014 Jan 27;15(2):1962-82. doi: 10.3390/ijms15021962, Impact factor 2,862
7. Codruta Soica, **Corina Danciu** (corresponding author), Savoiu-Balint G, Florin Borcan, Rita Ambrus, Istvan Zupko, Florina Bojin, Dorina Coricovac, Sorina Ciurlea, Stefana Avram, Cristina Adriana Dehelean, Tudor Olariu, Petru Matusz - Betulinic acid in complex with a gamma-cyclodextrin derivative decreases proliferation

- and in vivo tumor development of non-metastatic and metastatic B16A5 cells., *Int J Mol Sci.* 2014 May 9;15(5):8235-55. doi: 10.3390/ijms15058235, Impact factor 2,862
8. Soica Codruta, Camelia Oprean, Borcan Florin, **Danciu Corina**, Trandafirescu Cristina, Coricovac Dorina, Crăiniceanu Zorin, Dehelean Cristina Adriana, Munteanu Melania-The synergistic biologic activity of oleanolic and ursolic acids in complex with hydroxypropyl- $\gamma$ -cyclodextrin., *Molecules.* 2014 Apr 17;19(4):4924-40. doi: 10.3390/molecules19044924, Impact factor 2,416
9. Soica Codruta, Trandafirescu Cristina, **Danciu Corina**, Muntean Delia, Dehelean Crsitina, Simu Georgeta-New Improved Drug Delivery Technologies for Pentacyclic Riterpenes: A Review, *Protein and peptide letters*, 21 (11):1137-1145, 2014, Impact factor 1,068
10. **Corina Danciu**, Dorina Elena Coricovac, Codruta Soica, Victor Dumitrascu, Georgeta Simu, Diana Antal, Kemeny Lajos, Cristina A. Dehelean, Florin Borcan- Evaluation of skin Physiological Parameters in SKH1,Mice Experimental Model after Exposure to Aggressive, Factors like UVB using Non-invasive Methods, *Revista de Chimie*, 65 (10), 2014, Impact factor 0,810
11. Cristina Trandafirescu, Diana Antal, Codruta Soica, Istvan Zupko, Renata Minorics, Rita Ambrus, Florin Borcan, Camelia Oprean, **Corina Danciu**, Stefana Avram, Cristina Dehelean, Simona Nita, Lavinia Vlaia-Cyclodextrin Complexes of Oleanolic and Ursolic Acid Physico-chemical and biological preliminary evaluation, *Revista de Chimie*, 65 (10), 2014, Impact factor 0,810
12. Diana Simona Antal, Dorina Coricovac, Codruta Marinela Soica, Florina Ardelean, Iulia Panzaru, **Corina Danciu**, Vicentiu Vlaia, Claudia Toma- High Cadmium Content in Wild-Growing Medicinal Plants from South-Western Romania Unexpected Results of a Survey on 29 Species, *Revista de Chimie*, 65 (9), 2014, Impact factor 0,810
13. **Danciu Corina**, Caraba Alexandru, Bojin Florina, Soica Codruta, Simu Georgeta, Ciurlea Sorina, Peev Camelia, Citu Ioana Mihaela, Panzaru Iulia - Genistein does not induce caspase 2 activation in vitro on B16 melanoma cell lines, *Revista Farmacia*, 62(4),2014, Impact factor 1,005
14. **Danciu Corina**, Vlaia Lavinia, Fetea Florinela, Hancianu Monica, Coricovac Dorina Elena, Ciurlea Sorina, Şoica Codruta Marinela, Marincu Iosif, Vlaia Vicentiu, Dehelean Cristina Adriana, Trandafirescu Cristina.- Evaluation of phenolic profile, antioxidant and anticancer potential of two main representants of Zingiberaceae family against B16A5 murine melanoma cells, *Biol Res.*,48(1):1, 2015, Impact factor 1,328
15. **Danciu C**, Camelia Oprean, Dorina Elena Coricovac, Andreea Cioca, Anca Cimpean, Heinfried Radeke, Codruta Soica, Cristina Dehelean - Behaviour of four different B16 murine melanoma cell sublimes: C57BL/6J skin, *Int J Exp Pathol.*, doi: 10.1111/iep.12114, 2015, Impact factor 2.125
16. Pfarr Kathrin\*, **Danciu Corina**\* (equal contribution), Arlt Olga, Neske Chistina, Dehelean Cristina, Pfeilschifter Josef M, Heinfried Radeke-Simultaneous and dose dependent melanoma cytotoxic and immune stimulatory activity of betulin, *PLoS One.* 2015 Mar 10;10(3):e0118802. doi: 10.1371/journal.pone.0118802. eCollection 2015, Impact factor 3,057
17. **Corina Danciu**, Codruta Soica, Cristina Dehelean, Istvan Zupko, Erzsebet Csanyi, and Iulia Pinzaru-Preliminary In Vitro Evaluation of Genistein Chemopreventive Capacity as a Result of Esterification and Cyclodextrin Encapsulation, *Analytical Cellular Pathology*, vol. 2015, Article ID 262930, 8 pages, 2015. doi:10.1155/2015/262930, Impact factor 0,459
18. **Corina Danciu**, Florin Borcan, Codruta Soica, Istvan Zupko, Erzsébet Csányi, Rita Ambrus, Delia Muntean, Camelia Sass , Diana Antal, Claudia Toma, Cristina Dehelean- Polyurethane Microstructures-a Good or Bad in vitro Partner for the Isoflavone Genistein, *Nat. Prod. Comm.*, 10(6):951-954, 2015, Impact factor 0,884
19. **Corina Danciu**, Marius Biris, Balázs Boglárka, Erzsebet Csanyi, 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*, 66(7): 1038-1041, 2015, Impact factor 0,956
20. **Corina Danciu**, Szilvia Berkó, Gábor Varju, Boglárka Balázs, Lajos Kemény, Istvan Balazs Németh, Andreea Cioca, Alexandra Petruş, Cristina Dehelean, Citu Ioan Cosmin, Elena Amaricai, Claudia- Crina Toma-The Effect of Electroporation of a Lyotropic Liquid Crystal Genistein-Based Formulation in the Recovery of Murine Melanoma Lesions, *Int J Mol Sci.* 2015 Jul 8; 16(7): 15425-41. doi: 10.3390/ijms160715425, Impact factor 3,257
21. Cosmin Catu #, **Corina Danciu** # (equal contribution), 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*, 66(8):1100-1104, 2015, Impact factor 0,956

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