

Curriculum vitae



Personal information

First names / Surname **CRISTINA ADRIANA DEHELEAN**
Address No. 8 Constantin Stere, 300666, Timisoara, Timis, Romania
Telephones +40 256 423940 +40 723 604614
Fax +40256220479
E-mail cadehelean@umft.ro
Nationality Romanian
Date of birth 06.02.1973
Family Married, 2 children

Occupational field **PROFESSOR**

Work experience

Dates **2016 - present**
Occupation or position held Vice president - Advisory Committee of the Ministry of Health - Committee for Clinical Pharmacology, Toxicology and Toxic Dependence
Name and address of employer Cristian Popișteanu, no. 1-3, sector 1, cod 010024, București, Romania, +40 21 3072 500, www.ms.ro
Type of business or sector Public Institution

Dates **2016 - present**
Occupation or position held Member - National Council for Attestation of University Titles, Diplomas and Certificates, Fundamental field - Biological and Biomedical Sciences, Pharmacy Committee
Name and address of employer Gen. Berthelot 28-30, Sector 1, 010168, București, Romania, +40 214056206, www.cnatdcu.ro
Type of business or sector Public Institution

Dates **2015**
Occupation or position held Habilitation in Pharmacy
Name and address of employer „Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, nr. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector Education - University, Research

Dates **2014 – present**
Occupation or position held Professor, Head of Toxicology Department
Name and address of employer „Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, nr. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector Education - University, Research

Dates	2012 – present
Occupation or position held	Dean, Faculty of Pharmacy
Name and address of employer	„Victor Babeş” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, nr. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Education – University
Dates	2009 – 2014
Occupation or position held	Associate Professor, Head of Toxicology Department
Name and address of employer	„Victor Babeş” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, nr. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Education - University, Research
Dates	2004 – 2009
Occupation or position held	Lecturer, Head of Toxicology Department
Name and address of employer	„Victor Babeş” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, nr. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Education - University, Research
Dates	2002 – 2004
Occupation or position held	Assistant Professor, Dermatopharmacy and Cosmetology
Name and address of employer	„Victor Babeş” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, nr. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Education - University, Research
Dates	1999 – 2002
Occupation or position held	Preparator, Clinical Pharmacy
Name and address of employer	„Victor Babeş” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, nr. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Education - University, Research
Dates	1996 – 1998
Occupation or position held	Pharmacist
Name and address of employer	Argefarm Pharmacy, Nr. 105 Abrud, Arad, Arad
Type of business or sector	Health

Work experience Scientific projects – see Annex

Main activities and responsibilities Teaching activities – courses Toxicology, Methodology of Scientific Research, Toxic Plants, Pharmacovigilance, Postgraduate training courses, Lecturer in the master's program OTC drugs, dietary supplements, cosmetics; Formulation and Evaluation of dermato-cosmetic product
Scientific research activities – Toxicological studies – Toxicology, in vitro and in vivo experimental models, tumor models developed on mice and rats, treatment surveillance and application of new techniques of evaluation, evaluation of skin parameters; evaluation of vegetal extracts, active compounds and new formulations with impact on cancer and degenerative diseases prophylaxy/therapy.

Awards

- PN-III-P1-1.1- PRECISI-2016- 12380
ATR-FTIR and Raman spectroscopic investigation of the electroporation-mediated transdermal delivery of a nanocarrier system containing an antitumour drug
- PN-III-P1-1.1-PRECISI- 2016-12614
Sex differences and pathology status correlated to the toxicity of some common carcinogens in experimental skin carcinoma
PN-II-RUPRECISI-2015-9- 9716
Capsicum annum extracts/beta-cyclodextrin complexes Thermal analyses-Karl Fischer water titration correlations and antioxidant activity
PN-II-RUPRECISI-2015-9- 9400
The Effect of Electroporation of a Lyotropic Liquid Crystal Genistein-Based Formulation in the Recovery of Murine Melanoma Lesions

PN-II-RUPRECISI-2015-9- 9340
 Simultaneous and dose dependent melanoma cytotoxic and immune stimulatory activity of betulin
 PN-II-RU-PRECISI-2015-9-9490
 Behaviour of four different B16 murine melanoma cell sublines: C57BL/6J skin
 PN-II-RU-PRECISI-2014-8-5767
 Genistein in 1:1 inclusion complexes with ramified cyclodextrins: theoretical, physicochemical and biological evaluation
 PN-II-RU-PRECISI-2014-8-6152
 Betulinic acid as a potent and complex antitumor phytochemical: a minireview
 PN-II-RU-PRECISI-2014-8-6529
 The Hydractinia echinata Test-System. III: Structure-Toxicity Relationship Study of Some Azo-, Azo-Anilide, and Diazonium Salt Derivatives
 PN-II-RU-PRECISI-2014-8-6440
 The Synergistic Biologic Activity of Oleanolic and Ursolic Acids in Complex with Hydroxypropyl-gamma-Cyclodextrin
 PN-II-RU-PRECISI-2014-8-6564
 Betulinic Acid in Complex with a Gamma-Cyclodextrin Derivative Decreases Proliferation and in Vivo Tumor
 PN-II-RU-PRECISI-2014-8-7272
 Synthesis and thermal behavior of new ambazone complexes with some transitional cations
 PN-II-PRECISI-2013-7-3924
 Study of the betulin enriched birch bark extracts effects on human carcinoma cells and ear inflammation
 PN-II-PRECISI-2013-7-3237
 Synthesis and preliminary in vivo evaluations of polyurethane microstructures for transdermal drug delivery
 PN-II-PRECISI-2013-7-2913
 Changes in the anti-inflammatory activity of soy isoflavonoid genistein versus genistein incorporated in two types of cyclodextrin derivatives
 PN-II-PRECISI-2013-7-2807
 Betulin Complex in γ -Cyclodextrin Derivatives: Properties and Antineoplastic Activities in In Vitro and In Vivo Tumor Models
 PN-II-RUPRECISI-2013- 7-3211
 The occurrence of mycotoxins in wheat from western Romania and histopathological impact as effect of feed intake
 PN-II-RUPRECISI- 2013-7- 2895
 Effect of the isoflavone genistein on tumor size, metastasis potential and melanization in a B16 mouse model of murine melanoma
 PN-II-RUPRECISI- 2013-7- 2812
 Anti-Angiogenic and Anti-Cancer Evaluation of Betulin Nanoemulsion in Chicken Chorioallantoic Membrane and Skin Carcinoma in Balb/c Mice
 PN-II-RUPRECISI- 2013-7- 2538
 Betulinic acid suppresses NGAL-induced epithelial-to-mesenchymal transition in melanoma
 PN-II-RUPRECISI-2013- 7-2123
 Molecular conformation changes along the malignancy revealed by optical nanosensors
 PN-II-PRECISI-2012-6-1406
 Evaluation and differentiation of the Betulaceae birch bark species and their bioactive triterpene content using analytical FT-vibrational spectroscopy and GC-MS
 MEDIS 2006, 2012, 2013, Szeged 2009 (student competitions)
 Gold medal brevet 122836 PHARMACEUTICAL OINTMENT AND OBTAINING PROCEDURE BASED ON MARIGOLD FLOWERS FROM HIGH ZINC ENRICHED SOILS Buxelles Eureka 2007 and silver medal at Geneva 2011

Education and training

Date

2008

Qualification awarded

Primary Pharmacist, Clinical Pharmacy

Education or training organisation's

University of Medicine and Pharmacy Carol Davilla Bucharest, Romania

Date **2004**

Qualification awarded PhD, Profile Analytical Chemistry / Pharmacy

Education or training organisation's University of Medicine and Pharmacy "Gr. T. Popa" Iasi, Iasi, Romania

Date **2001**

Qualification awarded Specialist Pharmacist, Clinical Pharmacy

Education or training organisation's „Victor Babeş” University of Medicine and Pharmacy Timisoara, Romania

Dates **1998 – 2001**

Qualification awarded Residency in Clinical Pharmacy

Education or training organisation's County Hospital 1 Timisoara, Romania

Dates **1991 – 1996**

Qualification awarded Pharmacist

Education or training organisation's Faculty of Pharmacy, „Victor Babeş” University of Medicine and Pharmacy Timisoara, Romania

Date **2005**

Qualification awarded Scholarship Certificate - Scholarship Leonardo da Vinci II RO, 2004, PL 93056-TD-Training of European Phytotherapists for Discovery of New Medications

Education or training organisation's Faculty of Pharmacy, University of Szeged, Szeged, Hungary

Personal skills and competences

Mother tongue Romanian

Other languages

Self evaluation	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
French	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
Job-related skills	Team spirit, motivation, creative spirit, excellent communication skills, 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)									
Computer skills	Microsoft Office user (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio) Advanced level									
Additional informations	2008 – CNCSIS Evaluator, Toxicology area 2011 – ARACIS Evaluator, Health area Invited review-er: Food and Chemical Toxicology, Journal of AOAC International, Natural Product Research, Molecules SSFR, EUROTOX, AMAPSEEC, SRCC, Quality Assurance Committee UMFVBT 2009-2011 member RESEARCH AND CLINICAL MEDICINE, WORLD RESEARCH JOURNAL OF MEDICINAL & AROMATIC PLANTS, FARMACIST.RO Editorial Board Member Organizer scientific events: National Symposiums TIMISOARA 2005, 2008, TIMMEDICA 2011, workshop in bilateral project Romania-China, workshop in bilateral project Romania-Hungary									
Driving licence	B									
Annex	Scientific projects, Patents, Relevant publications									
Timisoara, July 2017	CRISTINA ADRIANA DEHELEAN									

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SCIENTIFIC PROJECTS

Project Title	Position	Period
Axa 1 a POC – ANCS/ 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)	Scientific manager	2016-2019
PN-III-P2-2.1-BG-2016-0354, Contract de finanțare 115/2016 „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)	Member	2016-2018
PN-III-P2-2.1-BG-2016- 0455, Contract de finanțare 122/2016 „Formulări de avangardă pe bază de eugenol nanocapsulat cu adresabilitate în medicina dentară” (Avant-garde formulations based on eugenol nanocapsules addressable in dentistry)	Member	2016-2018
Grant PN-II-PT-PCCA, contract 110/2014 “Recuperarea avansată a produselor utile din deșeurile de catalizatori uzați” (Advanced recovery of useful products from used catalysers waste) (REMACAT)	Member	2014-2017
UEFISCDI Bilateral proiect Romania – France nr.791/30.06.2014 “Obținerea micro-cristalelor de triterpene pentaciclice si studiul modificarilor lor” (Obtaining pentacyclic triterpene micro - crystals and pharmaceutical toxicology study of their changes in experimental models)	Member	2014-2016
UEFISCDI Bilateral proiect Romania-France RO-FR 789/30.06.2014 “Nanostructuri cu aurone, chalcone și extracte vegetale standardizate: dezvoltarea unui nou prototip de agent chemopreventiv și antiinflamator” (Nanostructures with aurones, chalcones and standardized vegetal extracts: development of a new prototype of chemopreventiv and anticancer agent)	Member	2014-2016

P III-C1-PCFI-2014/2015-03 "Noi abordări farmaceutice pentru modularea biodisponibilității unor flavonoide cu potențial chemopreventiv pentru melanomul malign" (New pharmaceutical options for some Flavonoids bioavailability modulation with chemopreventiv potential in malignant melanoma)	Project manager	2014-2016
UEFISCDI, bilateral project Romania-Hungary CT-665/22.04.2013 "Evaluarea impactului radiațiilor UV și al terapiei anti-tumorale asupra fibroblaștilor dermici și în cancerul cutanat experimental" (Impact assessment of UV radiation and antitumor therapy on dermal fibroblasts and in experimental skin cancer)	Project manager	2013-2014
UEFISCDI, bilateral projects Romania-Hungary CT-674/22.04.2013, "Evaluarea unor formulări farmaceutice moderne obținute prin complexarea unor triterpene pentaciclice cu derivați polizaharidici funcționalizați" (Evaluation of some modern pharmaceutical formulations obtained by complexation of some pentacyclic triterpenes with polysaccharides functionalised derivatives)	Member	2013-2014
SEE-ERA.NET PLUS Joint project 139/01 reference number: ERA 139/01 "Systems to reduce mycotoxins contamination of cereals and medicinal plants in order to preservation native species and traditional products in Romania-Serbia-Croatia area"	Member	2010-2012
International Project Romania-China 198/2009 „Antioxidant activity of Chinese materia medica and its chemical composition”	Project manager	2009-2010
TÁMOP-4.2.2-08/1-2008-0001 “International photobiological interdisciplinary research of the interactions of environmental and genomic factors, and processing new diagnostic and therapeutic methods”	Romanian team manager	2009-2011
Project CNCSIS IDEI 2284 „Diagnosticarea cancerului și monitorizarea terapeutică prin tehnici Raman ultrasensibile” (Cancer diagnosis and therapeutical monitoring by ultrasensitive Raman spectroscopic techniques)	Member	2008-2011
Grant PN II 1257/2007 „Studiul implementării unor bioproduși antitumorali vegetali de tip triterpenic inclusiv prin formare de nanostructuri, în terapii cutanate, prin analiza eficacitate/toxicitate” (Study of implementation of vegetal antitumor bioproducts of triterpenic type by nanostructure formation, in skin therapies, by efficacy/toxicity analysis)	Project manager	2007-2010
Grant INOVARE 69/2007 „Dezvoltarea unui produs fitofarmaceutic destinat terapiei adjuvante și de prevenire a neoplaziei mamare” (Development of a phytopharmaceutical compound as adjuvant in treatment and prevention of breast cancer)	Project manager	2007-2010
Grant CNCSIS AT 173/2007 „Elaborarea unor bioproduse cu compuși triterpenici și ciclodextrine și analiza eficacitate/nocivitate a acestora în patologii cutanate” (Elaboration of bioproducts with triterpenic compounds and cyclodextrins and their efficacy/toxicity analysis in skin pathologies)	Project manager	2007-2008
Project CEEX cod 30/2006 „Evaluarea conținutului de metale grele din sol cu ajutorul	Member	2006-2008

plantelor bioindicatoare și valorificarea acestora în scopuri terapeutice” (The evaluation of soil heavy metals content using bioindicators plants and their therapeutic added value)		
Proiect CEEEX ET 35/2006 „Biotehnologii pentru obținerea de bioproduse rezultate prin valorificarea indicatorilor vegetali ai metalelor din sol” (Biotechnologies for bioproducts preparation using the valorification of vegetal indicators of metals from soil)	Member	2006-2008
Project CEEEX 10/ 2005 „Studiul bioactivității sinergice a alimentelor funcționale antioxidante în reversibilitatea sindromului metabolic” (The study of the synergic bioactivity of functionalized antioxidant aliments in reversibility of metabolic syndrome) (BIOTECH)	Member	2005-2007
Leonardo da Vinci, Agreement No. RO-2004-PL 93056-TD Training of „European Phytotherapists for Discovery of New Medications”	Member	2005

PATENTS

Butnariu M, Palicica R, **Dehelean CA**, Unguent farmaceutic și procedeu de obținere pe bază de flori de gălbenele crescute pe soluri îmbogățite cu zinc (Pharmaceutical ointment based on marigold flowers grown in zinc-enriched soils and process for preparing the same) Patent no 122836

Jumanca D, Galuscan A, Florita S, Podariu A, Florita Z, **Dehelean C**, Borcan F. *Compoziție pentru pastă de dinți* (Composition for toothpaste) Patent no 127805, OSIM / 28.II.2014.

Jumanca D, Gălușcan A, Borcan F, Florița S, **Dehelean C**, Florița Z. *Procedeu și dispozitiv pentru producerea nanogelurilor și microgelurilor pe bază de silicați alcalino-pământoși* (Procedure and device for producing nanogels and microgels based on alcalino-grand silicates) Patent no 128480, OSIM / 26.II.2016.

BOOK CHAPTERS (INTERNATIONAL ED.)

Codruța Șoica, Diana Antal, Florina Andrica, Roxana Băbuța, Alina Moacă, Florina Ardelean, Roxana Ghiulai, Stefana Avram, Corina Danciu, Dorina Coricovac, **Cristina Dehelean** and Virgil Păunescu. Lupan-Skeleton Pentacyclic Triterpenes with Activity against Skin Cancer: Preclinical Trials Evolution. "Unique Aspects of Anti-cancer Drug Development", book edited by Jolanta Natalia Latosinska and Magdalena Latosinska, ISBN 978-953-51-3348-3, Print ISBN 978-953-51-3347-6. DOI: 10.5772/intechopen.68908

Dorina E. Coricovac, **Cristina A. Dehelean**, in Toxicology Studies – Cells, Drugs and Environment, ed. Ana Cristina Andrezza and Gustavo Scola: **Pathological Aspects with Global Impact Induced by Toxicants at Cellular Level**; InTech, Rijeka, 2015, Chapter 1, pp. 3-21, ISBN 978-953-51-2140-4.

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, Houston, USA

Corina Danciu, **Cristina Dehelean**, Codruta Soica, **Natural Compound Genistein: From Consecrated to New Utilizations and Formulations**, Chapter 2, in: Biotechnology - Drug

Discovery, Vol. 7, pp. 43-61, Series ISBN: 1-62699-022-0, Vol. ISBN: 1-62699-015-8, 2014, Studium Press, LLC, Houston, USA

Borza C, Muntean D, **Dehelean C**, Săvoiu G, Șerban C, Simu G, Andoni M, Butur M, Drăgan S, **Molecular aspects of lipid metabolism**, Chapter 2 – Oxidative stress and lipid peroxidation – a lipid metabolism dysfunction, in: Lipid metabolism, editor Rodrigo Valenzuela Baez, pp. 21-39, Ed. INTECH, www.intechopen.com 2013; ISBN 978-953-51-0944-0

RELEVANT PUBLICATIONS

1. 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. *Oncology Reports* 2017, 38(1):89-99. **IF 2.662**
2. Pavel, IZ; Parvu, AE; Dehelean, CA; Vlase, L; Csuk, R; Muntean, DM. Assessment of the antioxidant effect of a maslinic acid derivative in an experimental model of acute inflammation. *Farmacia* 2017, 65(3):390-395. **IF 1.348**
3. Mioc, M; Soica, C; Bercean, V; Avram, S; Balan-Porcarasu, M; Coricovac, D; Ghiulai, R; Muntean, D; Andrica, F; Dehelean, C; Spandidos, DA; Tsatsakis, AM; Kurunczi, L. Design, synthesis and pharmaco-toxicological assessment of 5-mercapto-1,2,4-triazole derivatives with antibacterial and antiproliferative activity. *International Journal of Oncology* 2017, 50(4):1175-1183 **IF 3.079**
4. Coricovac, DE; Moaca, EA; Pinzaru, I; Citu, C; Soica, C; Mihali, CV; Pacurariu, C; Tutelyan, VA; Tsatsakis, A; Dehelean, CA. Biocompatible Colloidal Suspensions Based on Magnetic Iron Oxide Nanoparticles: Synthesis, Characterization and Toxicological Profile. *Frontiers in Pharmacology* 2017, 8, UNSP 154, DOI:10.3389/fphar.2017.00154 **IF 4.4**
5. Haidu, D; Parkanyi, D; Moldovan, RI; Savii, C; Pinzaru, I; Dehelean, C; Kurunczi, L. Elemental Characterization of Romanian Crop Medicinal Plants by Neutron Activation Analysis. *Journal of Analytical Methods in Chemistry* 2017, Article number 9748413, DOI: 10.1155/2017/9748413 **IF 1.801**
6. Corina, D; Bojin, F; Ambrus, R; Muntean, D; Soica, C; Paunescu, V; Cristea, M; Pinzaru, I; Dehelean, C. Physico-chemical and Biological Evaluation of Flavonols: Fisetin, Quercetin and Kaempferol Alone and Incorporated in beta Cyclodextrins. *Anti-cancer Agents in Medicinal Chemistry* 2017, 17(4):615-626 **IF 2.598**
7. Coricovac, DE; Dehelean, CA; Cseh, L; Soica, CM; Boglut, A; Simu, GM. Evaluation of the impact induced by the environmental exposure to a mixture of organic solvents on SKH1 mice. *Farmacia* 2017, 65(1):125-131 **IF 1.348**
8. **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; 95:149-58. **IF 3.778**
9. Balazs B, Sipos P, Danciu C, Avram S, Soica C, **Dehelean C**, Varju G, Eros G, Budai-Szucs M, Berko S, Csanyi E. ATR-FTIR and Raman spectroscopic investigation of the electroporation-mediated transdermal delivery of a nanocarrier system containing an antitumor drug. *Biomed Opt Express* 2016, 7(1):67-78. **IF = 3.337**

10. Oprean C, Mioc M, Csanyi E, Ambrus R, Bojin F, Tatu C, Cristea M, Ivan A, Danciu C, **Dehelean C**, Paunescu V, Soica C. Improvement of ursolic and oleanolic acids' antitumor activity by complexation with hydrophilic cyclodextrins. *Biomed Pharmacother* 2016, 83:1095-1104 **IF = 2.759**
11. B Andor, C Danciu, E Alexa, I Zupko, E Hogeia, A Cioca, D Coricovac, I Pinzaru, J Patrascu, M Mioc, RT Cristina, C Soica, **C Dehelean**. Germinated and Ungerminated Seeds Extract from Two *Lupinus* Species: Biological Compounds Characterization and In Vitro and In Vivo Evaluations. *Evid. Based Complement. Alternat. Med.* Article ID 7638542, 8 pages. <http://dx.doi.org/10.1155/2016/7638542>; **IF = 1.740**
12. Fulias A, Ledeti I, Vlase G, Vlase T, Soica C, **Dehelean C**, Oprean C, Bojin F, Suta LM, Bercean V, Avram S. Thermal degradation, kinetic analysis, and apoptosis induction in human melanoma for oleanolic and ursolic acids. *J Therm Anal Calorim* 2016, 125(2):759-768 **IF = 1.953**
13. Soica C, Coricovac D, **Dehelean C*(corresp author)**, Pinzaru I, Mioc M, Danciu C, Fulias A, Puiu M, Sitaru C. Nanocarriers as Tools in Delivering Active Compounds for Immune System Related Pathologies. *Recent Pat Nanotechnol.* 2016;10(2):128-45. **IF 0.912**
14. C. Oprean, C. Zambori, F. Borcan, C. Soica, I. Zupko, R. Minorics, F. Bojin, R. Ambrus, D. Muntean, C. Danciu, I.A. Pinzaru, **C. Dehelean**, V. Paunescu, G. Tanasie, Anti-proliferative and antibacterial in vitro evaluation of the polyurethane nanostructures incorporating pentacyclic triterpenes, *Pharmaceutical Biology* 2016, DOI:10.1080/13880209.2016.1180538 **IF = 1.916**
15. Vlad, DC, Popescu, R, Dumitrascu, V, Cimporescu, A, Vlad, CS, Vagvolgyi, C, Krisch, J, **Dehelean, C**, Horhat, FG, Phytocomponents identification in Mistletoe (*Viscum album*) young leaves and branches, by GC-MS and antiproliferative effect on HepG2 and MCF7 cell lines, *Farmacia* 2016, 64(1):82-87 **IF = 1.348**
16. Andrica FM, Draghici GA, Soica C, Pinzaru I, Coricovac D, Citu C, **Dehelean C**. Antioxidant activity Assessment of ethanolic spirulina extracts. *Rev Chim* 2016, 67(2):289-290. **IF 1.232**
17. Simu GM, Coricovac D, Cseh L, Soica C, Borcan F, Ionescu D, Andoni M, Dragos D, **Dehelean C**. Assessment of skin injuries induced by organic and inorganic phases of the Cosorb process by means of non-invasives techniques. *Rev Chim* 2016, 67(2):291-296. **IF 1.232**
18. C Trandafirescu, F Borcan, **C Dehelean**, Z Szabadai, M Nicolov, C Soica. Study of the Interaction of Albendazole with Benzoic Acid. I. *Rev Chim* 2016, 67(11):2370-2374. **IF 1.232**
19. 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, 30(5):633-638 **IF = 0.953**
20. Diana S. Antal , Iulia Pinzaru, Florin Borcan, Teodora Daniela Marti, Ionut Ledeti, Dorina Coricovac, Stefan Schwaiger, Hermann Stuppner, **Cristina A. Dehelean* (corresp author)**, Evelyne Ollivier, Codruta Soica, Inclusion Complexes of the Aurone Sulfuretin and the Chalcone Butein from *Cotinus coggygria* Wood in Two Cyclodextrin Types First data on physico-chemical properties, *Rev Chim* 2016, 67(6):1104-1109. **IF 1.232**
21. Cristina Trandafirescu, Ionut Ledeti, Dorina E. Coricovac, Codruta M. Soica, Iulia Pinzaru, **Cristina A. Dehelean**, Radu Emil Iacob, Florin Borcan, Optimization of Hollow Aliphatic Polyurethane Particles Used as a Drug Delivery System, *Mater Plast* 2016, 53(2), 205-210 **IF = 0.778**

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