

Curriculum Vitae



Personal information

First name / Surname(s) **CRISTINA ADRIANA DEHELEAN**

Address

Telephone

Fax

E-mail

Nationality

Date of birth

Family situation Married, 2 children

Work experience

2016 - present

Vice president - Advisory Committee of the Ministry of Health - Committee for Clinical Pharmacology, Toxicology and Toxic Dependence

Public Institution -

Cristian Popișteanu, no. 1-3, sector 1, București RO-010024, Romania, +40 21 3072 500, www.ms.ro

2016 - present

Member - National Council for Attestation of University Titles, Diplomas and Certificates, Fundamental field - Biological and Biomedical Sciences, Pharmacy Committee

Public Institution -

Gen. Berthelot 28-30, Sector 1, București RO-010168, Romania, +40 214056206, www.cnatdcu.ro

2014 - present

Professor, Head of Toxicology and Drug Industry Department

Higher Education - Teaching activities – courses Toxicology, Methodology of Scientific Research, Toxic Plants, Pharmacovigilance; Postgraduate training courses, Coordinator and Lecturer in the master program OTC drugs, dietary supplements, cosmetics; Lecturer in the master program Formulation and Evaluation of dermato-cosmetic product; PhD students' Coordinator.

Scientific research activities – Toxicological studies – *in vitro* toxicological assessment (using healthy and tumor cell lines) of: vegetal extracts, natural and chemical active compounds, new formulations with impact on cancer and degenerative disease as prophylaxis or therapy, and metallic particles of nano and micro size (silver, gold, iron) as possible drug carriers; and *in vivo*: development of experimental models as: tumor models on mice and rats (skin cancer, breast cancer) and ear inflammation animal models, analyzed in terms of animal survival, treatment surveillance, and application of new non-invasive techniques of evaluation (for skin physiological parameters assessment).

„Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, no. 2, Timișoara RO-300041, Timiș, Romania, www.umft.ro

- 2020 **Head of the CSUD (Council of The Doctoral School)**
- 2012 - 2020
- Dean at Faculty of Pharmacy**
Higher Education
„Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, no. 2, Timișoara RO-300041, Timiș, Romania, www.umft.ro
- 2009 - 2014
- Associate Professor, Head of Toxicology Department**
Higher Education – Teaching Activities
„Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, no. 2, Timișoara RO-300041, Timiș, Romania, www.umft.ro
- 2004 - 2009
- Lecturer, Head of Toxicology Department**
Higher Education – Teaching Activities
„Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, no. 2, Timișoara RO-300041, Timiș, Romania, www.umft.ro
- 2002 - 2004
- Assistant Professor at Dermatopharmacy and Cosmetology Discipline**
Higher Education – Teaching Activities
„Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, no. 2, Timișoara RO-300041, Timiș, Romania, www.umft.ro
- 1999 - 2002
- Preparatory Assistant at Clinical Pharmacy Discipline**
Higher Education – Teaching Activities
„Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, no. 2, Timișoara RO-300041, Timiș, Romania, www.umft.ro
- 1996 - 1998
- Pharmacist – Argefarm Pharmacy**
Health -
No. 105 Abrud street, Arad RO-310274, Arad

Education and Training

Trainings

2013-2014

Certificate: Teacher Training Department (1st Module)

Certificate: Teacher Training Department (2nd Module)

West University of Timisoara, Vasile Parvan street no. 4, Timisoara RO-300223 Romania, www.uvt.ro

Education

2015

Habilitation in Pharmacy

„Victor Babeș” University of Medicine and Pharmacy Timișoara, Eftimie Murgu Sq, no. 2, Timișoara RO-300041, Timiș, Romania, www.umft.ro

2008

Primary Pharmacist at Clinical Pharmacy – P1/007069

University of Medicine and Pharmacy Carol Davila Bucharest, Dionisie Lupu Street, no. 37, Sector 2, Bucharest, Romania, <https://umfcd.ro/en>

2004

PhD. in Pharmacy – OMEC 3876/19.05.2004

University of Medicine and Pharmacy "Gr. T. Popa" Iasi, Universităţii street no. 16, Iaşi RO-700115 Iasi, Romania, <http://www.umfiasi.ro/en/>

2001

Specialist Pharmacist, Clinical Pharmacy

„Victor Babeş” University of Medicine and Pharmacy Timişoara, Eftimie Murgu Sq, no. 2, Timişoara RO-300041, Timiş, Romania, www.umft.ro

1998 - 2001

Residency in Clinical Pharmacy

County Hospital 1 Timisoara, Liviu Rebreanu Bvd. No. 156, Timişoara RO-300723 Romania, <https://www.hosptm.ro/>

1991 - 1996

Bachelor Degree in Pharmacy (Pharmacist)

„Victor Babeş” University of Medicine and Pharmacy Timişoara, Eftimie Murgu Sq, no. 2, Timişoara RO-300041, Timiş, Romania, www.umft.ro

Personal skills and competences

Native language(s) Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding

Listening

Reading

Speaking

Spoken interaction

Spoken production

Writing

Writing

C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(*) Common European Framework of Reference for Languages

Job-related skills and competences

Excellent communication skills, social skills, leadership, decision making, ability to work under pressure, time management, conflict resolution, self-motivation and motivation of the colleagues, teamwork, creativity, dynamism, discipline, perseverance, analytical thinking, ability to build relationships, efficiency, adaptability, open-mindedness, empathy.

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

Skills and competences

The research activity that I have carried out can be quantified in:

- Over 200 – published articles in ISI journals;
- Over 10 – books / chapters in international publishing houses;
- books in national publishing house
- patents and patent applications
- research projects: (16 national projects – from which 7 as project manager and 8 international project – from which 3 as project manager)
- Hirsch Index = 20 (according to Citation report - Web of Science Core Collection)

International scholarships

2005 – Scholarship Certificate - Leonardo da Vinci II RO, 2004, PL 93056-TD-Training of European Phytotherapists for Discovery of New Medications; Faculty of Pharmacy, University of Szeged, H-6720 Szeged, Zrínyi u. 9, Hungary, <http://www.pharm.u-szeged.hu>

- Prizes**
- PN-III-P1-1.1-PRECISI-2019-30408** – A comparative study of *Melissa officinalis* leaves and stems ethanolic extracts in terms of antioxidant, cytotoxic and antiproliferative potential – *EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE*
- PN-III-P1-1.1-PRECISI-2019-30519** – Cutaneous melanoma a long road from experimental models to clinical outcome: a review – *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
- PN-III-P1-1.1-PRECISI-2019-30648** – Thermal degradation, kinetic analysis and evaluation of biological activity on human melanoma for artemisinin – *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*
- PN-III-P1-1.1-PRECISI-2018-25824** – The Cytotoxic Effects of Betulin-Conjugated Gold Nanoparticles as Stable Formulations in Normal and Melanoma Cells – *FRONTIERS IN PHARMACOLOGY* – red zone (6000 lei)
- PN-III-P1-1.1-PRECISI-2018-25367** – Stable PEG-coated silver nanoparticles - A comprehensive toxicological profile – *FOOD AND CHEMICAL TOXICOLOGY* – red zone (6000 lei)
- PN-III-P1-1.1-PRECISI-2018-21896** – Rutin and its cyclodextrin inclusion complexes: physico-chemical evaluation and in vitro activity on B164A5 murine melanoma cell line – *CURRENT PHARMACEUTICAL BIOTECHNOLOGY*
- PN-III-P1-1.1-PRECISI-2018-25018** – Synergistic antifungal, allelopathic and anti-proliferative potential of *Salvia officinalis* L., and *Thymus vulgaris* L. essential oils – *MOLECULES* – yellow zone (2000 lei)
- PN-III-P1-1.1-PRECISI-2018-23950** – Main isoflavones found in dietary sources as natural anti-inflammatory agents – *CURRENT DRUG TARGETS* – yellow zone (2000 lei)
- PN-III-P1-1.1-PRECISI-2017-16345** – *Biocompatible Colloidal Suspensions Based on Magnetic Iron Oxide Nanoparticles: Synthesis, Characterization and Toxicological Profile* – *FRONTIERS IN PHARMACOLOGY* – red zone (6000 lei)
- PN-III-P1-1.1-PRECISI-2017-20175** – Elemental Characterization of Romanian Crop Medicinal Plants by Neutron Activation Analysis – *JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY*
- PN-III-P1-1.1-PRECISI-2017-15868** – Physico-chemical and biological evaluation of flavonols: fisetin, quercetin and kaempferol alone and incorporated in beta cyclodextrins – *ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY*
- PN-III-P1-1.1-PRECISI-2017-16931** – Germinated and Ungerminated Seeds Extract from Two *Lupinus* Species: Biological Compounds Characterization and In Vitro and In Vivo Evaluations – *EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE* – yellow zone (2000 lei)
- PN-III-P1-1.1-PRECISI-2017-19875** – Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental technique – *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* – yellow zone (2000 lei)
- 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 – *BIOMEDICAL OPTICS EXPRESS* – red zone (6000 lei)
- 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 – *FOOD AND CHEMICAL TOXICOLOGY* – red zone (6000 lei)
- PN-II-RUPRECISI-2015-9-9716** – *Capsicum annum* extracts/beta-cyclodextrin complexes Thermal analyses-Karl Fischer water titration correlations and antioxidant activity – *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* – yellow zone (2000 lei)
- 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 – *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* – yellow zone (2000 lei)
- PN-II-RUPRECISI-2015-9-9340** – Simultaneous and dose dependent melanoma cytotoxic and immune stimulatory activity of betulin – *PLOS ONE* – red zone (6000 lei)
- PN-II-RUPRECISI-2015-9-9490** – Behaviour of four different B16 murine melanoma cell sublines: C57BL/6J skin – *INTERNATIONAL JOURNAL OF EXPERIMENTAL PATHOLOGY* – yellow zone (2000 lei)
- PN-II-RUPRECISI-2014-8-5767** – Genistein in 1:1 inclusion complexes with ramified cyclodextrins: theoretical, physicochemical and biological evaluation – *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* – yellow zone (2000 lei)

PN-II-RU-PRECISI-2014-8-6152 – Betulinic acid as a potent and complex antitumor phytochemical: a minireview – *ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY* – yellow zone (2000 lei)

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 – *MOLECULES* – yellow zone (2000 lei)

PN-II-RU-PRECISI-2014-8-6440 – The Synergistic Biologic Activity of Oleanolic and Ursolic Acids in Complex with Hydroxypropyl-gamma-Cyclodextrin – *MOLECULES* – yellow zone (2000 lei)

PN-II-RU-PRECISI-2014-8-6564 – Betulinic Acid in Complex with a Gamma-Cyclodextrin Derivative Decreases Proliferation and in Vivo Tumor – *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* – yellow zone (2000 lei)

PN-II-RU-PRECISI-2014-8-7272 – Synthesis and thermal behavior of new ambazone complexes with some transitional cations – *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* – yellow zone (2000 lei)

PN-II-PRECISI-2013-7-3924 – Study of the betulin enriched birch bark extracts effects on human carcinoma cells and ear inflammation – *CHEMISTRY CENTRAL JOURNAL* – yellow zone (2000 lei)

PN-II-PRECISI-2013-7-3237 – Synthesis and preliminary in vivo evaluations of polyurethane microstructures for transdermal drug delivery – *CHEMISTRY CENTRAL JOURNAL* – yellow zone (2000 lei)

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 – *CHEMISTRY CENTRAL JOURNAL* – yellow zone (2000 lei)

PN-II-PRECISI-2013-7-2807 – Betulin Complex in gamma-Cyclodextrin Derivatives: Properties and Antineoplastic Activities in In Vitro and In Vivo Tumor Models – *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* – yellow zone (2000 lei)

PN-II-RUPRECISI-2013-7-3211 – The occurrence of mycotoxins in wheat from western Romania and histopathological impact as effect of feed intake – *CHEMISTRY CENTRAL JOURNAL* – yellow zone (2000 lei)

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 – *NATURAL PRODUCT COMMUNICATIONS* – yellow zone (2000 lei)

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 – *JOURNAL OF BIOMEDICAL NANOTECHNOLOGY* – red zone (6000 lei)

PN-II-RUPRECISI-2013-7-2538 – Betulinic acid suppresses NGAL-induced epithelial-to-mesenchymal transition in melanoma – *BIOLOGICAL CHEMISTRY* – yellow zone (2000 lei)

Patent Prizes

- 1. Gold medal and Diploma of excellence**, The international salon of inventiveness pro invent, XIVth Edition, 23-25 March 2016, Cluj-Napoca, Romania
- 2. Gold medal and Diploma of excellence**, Euro-invent, 19-21 May, 2016, Iasi, Romania
- 3. Gold medal** at 45th International Geneva Salon of Inventions, 29 March – 2 April 2017, Switzerland
- 4. Bronze medal** at the International invention-innovation showroom Traian Vuia Timisoara, 25-27 May 2016, Timisoara, Romania
- 5. Gold medal**, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 October 2018, Novi Sad, Serbia
- 6. Official international merit certificate** for contribution to innovation and excellent international cooperation, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 octombrie 2018, Novi Sad, Serbia
- 7. Silver medal for** – In vitro antibacterial activity of some plant essential oils from Cupressaceae family – Euroinvent, European Exhibition of Creativity and Innovation – Xth edition, 17-19 May 2018, Iasi, Romania

MEDIS 2006, 2012, 2013, Szeged, Hungary 2009 (student competitions)

Skills and competences of computer use

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

Other competences

Analytical behavior with strong capacity of synthesis; entrepreneurship behavior expressed by approaching and solving some existing problems; work experience in team organization; eager to gain new knowledge, development and improvement the career; perseverance in pursuing and achieving a goal; devotion and respect for work tasks.

License (s) driving

B Category

- Additional Information**
- Principal Coordinator / Center of Pharmaco-toxicological Evaluations – Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy Timișoara
 - 2008 – CNCIS Evaluator, Toxicology area
 - 2011 – ARACIS Evaluator, Health area
 - Invited reviewer: Food and Chemical Toxicology, Journal of AOAC International, Natural Product Research, Molecules
 - Editorial Board Member: Experimental and Therapeutic medicine, EC Pharmacology and Toxicology, Research and Clinical Medicine, World Research Journal Of Medicinal & Aromatic Plants
 - FITOSCIENCE platform - Coordinator
 - Summer School Dermo-cosmetic products based on medicinal plants, 17-19 July 2019 Timișoara – Programme Coordinator
 - 1st International Summer School of Medicinal Plant Pharmaco-Toxicology, 2-13 July 2018 Timișoara, România – Programme Coordinator
 - WORKSHOP - Dermo-cosmetic products as formulations, safety testing of cosmetic products, 13-14 June, 2019, Timișoara, România – Programme Coordinator
 - WORKSHOP - Plantele medicinale în prezent – incidență, compoziție și utilizare (Medicinal Plants at present - incidence, composition and use), 16-17 October, 2018, Timișoara, România - Programme Coordinator
 - WORKSHOP - Siguranța produselor pe bază de plante medicinale (Safety of medicinal plants products), 22-23 November, 2018, Timișoara, România - Programme Coordinator
 - Member: SSFR, EUROTOX, AMAPSEEC, SRCC
 - Quality Assurance Committee UMFVBT 2009-2011
 - Organizer scientific events: National Symposiums TIMISOARA 2005, 2008, TIMMEDICA 2011, workshop in bilateral project Romania-China, workshop in bilateral project Romania-Hungary

Annex List of Scientific projects, publications, patents and book chapters

LIST OF PROJECTS / PUBLICATIONS / PATENTS/ BOOK CHAPTERS

Cristina Adriana DEHELEAN
(Pharm. Prof. Habil.)



10.06.2020

Citation report - Web of Science Core Collection (March 2020)



SCIENTIFIC PROJECTS

Project Title	Position	Period
ERASMUS project 2019-1-RO01-KA203-063499 - Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes	Project partner manager	2019 - 2021
CNFIS-FDI-2019-0393 "Centru de dezvoltare profesională în domeniul produselor	Project	May 2019 –

dermato-cosmetice pe bază de plante medicinale*	manager	December 2019
CNFIS – FDI – 2018 – 0159 „Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale”	Project manager	May 2018 – December 2018
CNFIS – FDI – 2018 – 0459 D2- Internationalizare	Member	May 2018 – December 2018
PN-III-P1-1.1-PD-2016-1982 – Proiecte de Cercetare Postdoctorală, competiția 2016 "Noi perspective privind mecanismul de acțiune al acidului betulinic ca agent antimelanom/ New insights into the ant melanoma mechanism of action of betulinic acid"	Mentor	2017-2019
PN-III-P4-ID-PCE-2016-0765, "Materiale avansate pe bază de nanoparticule magnetice de oxizi de fier obținute prin combustie și citotoxicitatea acestora utilizată în terapia cancerului"	Member	2017-2019
Axa 1 a POC – ANCS/ POC-A1- A1.1.4 – E-2015 "Utilizarea modelelor nutrigenomice pentru personalizarea tratamentelor dietetice în 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 project Romania – France nr.791/30.06.2014 "Obținerea micro-cristalelor de triterpene pentaciclice și studiul modificărilor lor" (Obtaining pentacyclic triterpene micro - crystals and pharmaceutical toxicology study of their changes in experimental models)	Member	2014-2016
UEFISCDI Bilateral project 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 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
TAMOP-4.2.2-08/1-2008-0001 "International photobiological interdisciplinary research of the interactions of	Romanian team manager	2009-2011

environmental and genomic factors, and processing new diagnostic and therapeutic methods"		
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 CEEEX cod 30/2006 „Evaluarea conținutului de metale grele din sol cu ajutorul plantelor bioindicatoare și valorificarea acestora în scopuri terapeutice” (The evaluation of soil heavy metals content using bioindicators plants and their therapeutic added value)	Member	2006-2008
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

PUBLICATIONS LIST

2020

1. Farcas CG; Macaso I; Pinzaru I; Chirita M; Chirita Mihaila MC; **Dehelean C**; Avram S; Loghin F; Mocanu L; Rotaru V; Ieta A; Ercuta A; Coricovac D. Controlled Synthesis and Characterization of Micrometric Single Crystalline Magnetite with Superparamagnetic Behavior and Cytocompatibility/Cytotoxicity Assessments. *Front. Pharmacol.* 2020; 11:410. DOI: 10.3389/fphar.2020.00410 **IF = 3.845**
2. Borlea, A; Borcan, F; Sporea, I; **Dehelean, CA**; Negrea, R; Cotoi, L; Stoian D. TI-RADS Diagnostic Performance: Which Algorithm is Superior and How Elastography and 4D Vascularity Improve the Malignancy Risk Assessment. *Diagnostics (Basel)*. 2020 Mar 26;10(4). pii: E180. DOI: 10.3390/diagnostics10040180. **IF = 2.489**
3. 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 = 2.18**
4. Putz, AM; Ianasi, C; Dudas, Z; Coricovac, D; Watz, C; Len, A; Almasy, L; Sacarescu, L; **Dehelean, C**. SiO₂-PVA-Fe(acac)(3) Hybrid Based Superparamagnetic Nanocomposites for Nanomedicine:

Morpho-textural Evaluation and In Vitro Cytotoxicity Assay. MOLECULES, 2020, 25(3), Article Number: 653, DOI: 10.3390/molecules25030653 IF = 3.060

5. Simu, GM; Atchana, J; Soica, CM; Coricovac, DE; Simu, SC; **Dehelean, CA (autor coresp)**. Pharmaceutical Mixtures: Still A Concern for Human and Environmental Health. CURRENT MEDICINAL CHEMISTRY, 2020, 27(1):121-153, Special Issue: SI, DOI: 10.2174/092986732566681108094222 IF = 3.894

2019

1. Cotoi, L; Borcan, F; Sporea, I; Amzar, D; Schiller, O; Schiller, A; **Dehelean, CA**; Pop, GN; Stoian, D. Shear Wave Elastography in Diagnosing Secondary Hyperparathyroidism. DIAGNOSTICS, 2019, 9(4), Article Number: 213, DOI: 10.3390/diagnostics9040213 IF = 2.489
2. 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. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 2019, 20(23), Article Number: 5905, DOI: 10.3390/ijms20235905 IF = 4.183
3. Trandafirescu, C; Ledeti, I; Soica, C; Ledeti, A; Vlase, G; Borcan, F; **Dehelean, C**; Coricovac, D; Racoviceanu, R; Aigner, Z. Albendazole-cyclodextrins binary systems Thermal and spectral investigation on drug-excipient interaction. JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2019, 138(5):3039-3054, DOI: 10.1007/s10973-019-08326-1 IF = 2.471
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