europass Curriculum vitae

INFORMAŢII PERSONALE

Cristina Adriana DEHELEAN

Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara, Piața Eftimie Murgu, nr. 2, 300041, Timișoara (România)
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EXPERIENŢA PROFESIONALĂ

Locul vizat Manager de proiect - SMIS 350965

2014 – PREZENT

Profesor universitar, Coordonator Clinica universitară Toxicologie, Industria medicamentului, Management și legislație
Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara, Facultatea de Farmacie, Disciplina Toxicologie, Industria medicamentului, Management și legislație

Principalele activități și responsabilități: predarea cursurilor de Toxicologie, Metodologia cercetării științifice, Plante toxice, Farmacovigilență; Cursuri de pregătire postuniversitară, coordonator și lector în programul de master *Farmacovigilență și monitorizarea studiilor clinice*; lector principal în programul de master *Toxicologie și medicina adicțiilor*; lector în programul de master *Cosmetologie și dermofarmacie*; coordonarea studenților în cadrul cercurilor științifice, workshop-urilor; pregătirea studenților pentru participarea la manifestări științifice naționale și internaționale; Coordonator doctoranzi

Sectorul de activitate: învățământ superior

2020 - PREZENT

Prorector, Director al Consiliului pentru Studiile Universitare de Doctorat (CSUD)
Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara

Principalele activități și responsabilități: coordonare și monitorizare a Consiliului Studiilor Universitare de Doctorat

Sectorul de activitate: învățământ superior

2024 – PREZENT

Președinte - Consiliul Naţional de Atestare a Titlurilor, Diplomelor si Certificatelor Universitare (CNATDCU), Comisia Farmacie
Gen. Berthelot 28-30, Sector 1, Bucureşti RO-010168, Romania, +40 214056206, www.cnatdcu.ro

Principalele activități și responsabilități: Analiza tezelor de doctorat și a atestatelor de abilitare

Sectorul de activitate: învățământ superior

2020 - 2024

Vicepreședinte - Consiliul Naţional de Atestare a Titlurilor, Diplomelor si Certificatelor Universitare (CNATDCU), Comisia Farmacie
Gen. Berthelot 28-30, Sector 1, Bucureşti RO-010168, Romania, +40 214056206, www.cnatdcu.ro

Principalele activități și responsabilități: Analiza tezelor de doctorat și a atestatelor de abilitare

Sectorul de activitate: învățământ superior

2016 – PREZENT

Vicepreședinte - Comitetul consultativ al Ministerului Sănătății - Comitetul pentru farmacologie clinică, toxicologie și dependență toxică
Cristian Popişteanu, nr. 1-3, sector 1, Bucureşti RO-010024, Romania, +40 21 3072 500, www.ms.ro

Principalele activități și responsabilități: activități consultative de specialitate în domeniul farmacologiei și toxicologiei

Sectorul de activitate: sănătate

2012 – 2020

Decan Facultatea de Farmacie
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie

Principalele activități și responsabilități: activități de coordonare și administrare a Facultății de Farmacie

Sectorul de activitate: învățământ superior

2009 - 2014

Conferențiar universitar
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Toxicologie

Principalele activități și responsabilități: predarea cursurilor de Toxicologie, Metodologia cercetării științifice, Plante toxice, Farmacovigilență; coordonarea studenților în cadrul cercurilor științifice, workshop-urilor; pregătirea studenților pentru participarea la manifestări științifice naționale și internaționale

Sectorul de activitate: învățământ superior

2004 - 2009

Șef de lucrări
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Toxicologie

Principalele activități și responsabilități: activități didactice și de cercetare

Sectorul de activitate: învățământ superior

2002 - 2004

Asistent universitar
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Dermatofarmacie și cosmetologie

Principalele activități și responsabilități: activități didactice și de cercetare

Sectorul de activitate: învățământ superior

1999 - 2002

Preparator universitar
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Farmacie clinică

Principalele activități și responsabilități: activitate didactică – îndrumare lucrări practice, activitate de cercetare

Sectorul de activitate: învățământ superior

1996 - 1998

Farmacist
Argefarm, Arad

Principalele activități și responsabilități: activitate de farmacist în farmacia de circuit deschis

Sectorul de activitate: sănătate

EDUCAŢIE ŞI FORMARE

2015

Abilitare în Farmacie, Conducător de doctorat, OMEC 4209/10/06.2015

Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Piața Eftimie

Murgu nr. 2, 300041, Timișoara, România

2008 **Farmacist primar, specialitatea Farmacie clinică - P1/007069, OMS 1971/2008**

Ministerul Sănătăţii şi Familiei, Direcţia Generală Resurse Umane, Formare Profesională, Concursuri şi Examen

2004 **Doctor în Farmacie - OMEC 3876/19.05.2004**

Universitatea de Medicină și Farmacie “Gr. T. Popa” Iași, str. Universității nr. 16, Iași, România

2001 **Farmacist specialist, specialitatea Farmacie clinică**

Ministerul Sănătăţii şi Familiei, Direcţia Generală Resurse Umane, Formare Profesională, Concursuri şi Examene

1998 - 2001 **Farmacist rezident, specialitatea Farmacie clinică**

Spitalul Județean 1 Timișoara, Bvd. Liviu Rebreanu nr. 156, Timișoara, România

1991 - 1996 **Licență în Farmacie (Farmacist)**

Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Piața Eftimie Murgu nr. 2, 300041, Timișoara, România

COMPETENŢE PERSONALE

LIMBA MATERNĂ: ROMÂNĂ

Limbile străine cunoscute

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversaţie	Discurs oral	
engleză	C1	C1	C1	C1	C1
franceză	C1	C1	C1	C1	C1

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
Cadrul european comun de referinţă pentru limbi străine

Competenţe de comunicare

Excelente abilități de comunicare dobândite în urma activităților didactice susținute la diferite programe de studii de licență, de scurtă durată, postuniversitare; participarea la diverse conferințe naționale și internaționale; participarea în proiecte de cercetare cu parteneri din străinătate; prelegeri la diferite manifestări.

Capacitatea de a comunica constructiv în diferite situații sociale (de a tolera alte puncte de vedere, de a recunoaște responsabilitatea individuală și colectivă).

Competenţe organizaţionale/manageriale

Abiltăţi de coordonator de echipă, spirit organizatoric, capacitate de concentrare și planificare, implementare, coordonare, finalizare obiective sau indicatori de performanţă propuși în funcție de domeniu și activitate, capacitate de luare a deciziilor rapid și eficient, responsabilitate şi implicare în activităţile conduse; capacitatea de a lucra sub presiune, gestionarea timpului, rezolvarea conflictelor, auto-motivația și motivația colegilor, munca în echipă, creativitate, dinamism, disciplină, perseverență, gândire analitică, capacitatea de a construi relații , eficiență, adaptabilitate, deschidere, empatie.

Management universitar

1. Director CSUD
2. Membru al Senatului UMF “Victor Babeș” Timișoara
3. Decan Facultatea de Farmacie
4. Membru mai multe mandate în Consiliul Facultății de Farmacie și Consiliul Departamentului II
5. Coordonator al programului de studii masterale Cosmetologie și dermofarmacie

(2022-2024)

6. Coordonator al programului de studii masterale Farmacovigilență și monitorizarea studiilor clinice (2024-prezent)
7. Coordonator disciplina de Toxicologie (2004-prezent)
8. Membru CNATDCU și Președinte Comisia de Farmacie
9. Membru ARACIS

Management de proiect

1. ERASMUS 2022-1-RO01-KA220-HED-000088958 - Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in Pharmaceutics, Agriculture and Nutrition
2. CNFIS-FDI-2022-0484 - Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale UMF „Victor Babes" din Timisoara
3. ERASMUS project 2019-1-RO01-KA203-063499 - Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes – responsabil proiect partener
4. CNFIS-FDI-2021-0498 - Dezvoltarea bazei de practica in domeniul plantelor medicinale a UMF Victor Babes Timisoara
5. CNFIS-FDI-2019-0393 - Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale
6. CNFIS – FDI – 2018 – 0159 - Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale
7. 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) – manager științific
8. P III-C1-PCFI-2014/2015-03 - Noi abordări farmaceutice pentru modularea biodisponibilităţii unor flavonoide cu potenţial chemopreventiv pentru melanomul malign (New pharmaceutical options for some Flavonoids bioavailability modulation with chemopreventiv potential in malignant melanoma)
9. 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)
10. International Project Romania-China 198/2009 - Antioxidant activity of Chinese materia medica and its chemical composition
11. 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 – responsabil proiect partener
12. Grant PN II 1257/2007 - Studiul implementarii unor bioproduşi antitumorali vegetali de tip triterpenic inclusiv prin formare de nanostructuri, in 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)
13. Grant INOVARE 69/2007 - Dezvoltarea unui produs fitofarmaceutic destinat terapiei adjuvante şi de prevenire a neoplaziei mamare (Development of a phytopharmaceutical compound as adjuvant in treatment and prevention of breast cancer)
14. Grant CNCSIS AT 173/2007 - Elaborarea unor bioproduse cu compuşi triterpenici şi ciclodextrine şi analiza eficacitate/nocivitate a acestora in patologii cutanate (Elaboration of bioproducts with triterpenic compounds and cyclodextrins and their efficacy/toxicity analysis in skin pathologies)
15. Evaluator proiecte internaționale

16. Evaluator proiecte CNCSIS și UEFISCDI

Competenţe dobândite la locul de muncă

Foarte bună cunoștere a cadrului legislativ corelat învățământului superior și cercetării științifice. Calitatea de expert în publicarea articolelor științifice situate în zonele roșie și galbenă (conform clasificării UEFISCDI), capacitatea de a realiza colaborări multidisciplinare la nivel national și international (a se vedea anexele).

- Evaluator ARACIS, Comisia (C12) Științe medicale, domeniul Sănătate–registrul național
- conducătorul Filialei locale EUROTOX și membru în colegiul conducător la Societății de Științe Farmaceutice locale
- membru al primei Comisii de Asigurare a Calității la nivelul UMFVBT
- competențe în evaluarea de proiecte naționale și internaționale, recenzor la reviste de specialitate iar raportat la brevetele aplicate responsabilitate în proprietate intelectuală.
- 2008 – Evaluator CNCSIS, Domeniul Toxicologie

Competenţe digitale

- abilități utilizator experimentat

INFORMAŢII SUPLIMENTARE

- Coordonator principal / Centrul de evaluări farmaco-toxicologice – Facultatea de Farmacie, Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara
- Reviewer invitat: Food and Chemical Toxicology, Journal of AOAC International, Natural Product Research, Molecules etc.
- Membru în colectivul editorial: Experimental and Therapeutic Medicine, EC Pharmacology and Toxicology, Research and Clinical Medicine, World Research Journal Of Medicinal &Aromatic Plants
- Membru: SSFR, EUROTOX, AMAPSEEC, SRCC

Premii

- Perioada 2012-2021 – peste 45 de premii acordate de către UEFISCDI în cadrul competiției *Premierea rezultatelor cercetării*
- Medalia de aur și Diploma de excelență - The international salon of inventiveness pro invent, XIVen Edition, 23-25 Martie 2016, Cluj-Napoca, România
- Medalia de aur și Diploma de excelență, Euro-invent, 19-21 Mai, 2016, Iași, România
- Medalia de aur 45th International Geneva Salon of Inventions, 29 Martie – 2 Aprilie 2017, Elveția
- Medalia de bronz - International invention-innovation showroom Traian Vuia Timișoara, 25-27 Mai 2016, Timișoara, România
- Medalia de aur, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 Octombrie 2018, Novi Sad, Serbia
- Certificat oficial de merit internațional pentru contribuția la inovare și cooperare internațională excelentă, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 Octombrie 2018, Novi Sad, Serbia
- Medalia de argint – In vitro antibacterial activity of some plant essential oils from Cupressaceae family – Euroinvent, European Exhibition of Creativity and Innovation – Xth edition, 17-19 Mai 2018, Iași, România
- MEDIS 2006, 2012, 2013, Szeged, Hungary 2009 (premii ale studenților coordonați)
- Premiul I pentru merite deosebite în activitatea didactică în cadrul Facultății de Medicină a Universității de Medicină și Farmacie “Victor Babeș” Timișoara (2015)

ANEXE

ANEXA I. ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ

I.1 PROIECTE DE CERCETARE

Nr crt	Titlul proicetului	Poziția	Perioada
1.	**CNFIS-FDI-2025-F-0575** Titlu: Inovație și antreprenoriat în sănătate: dezvoltarea competențelor studenților pentru viitor, Acronim SAStart Health - Universitatea de Medicină și Farmacie „Victor Babeș" Timișoara	Membru	Apr 2025 – Dec 2025
2.	**RORS00267,** Programul Interreg IPA România-Serbia 2021-2027, Project title: "ORALERT 2025: Equal access to innovative screening solutions for oral HPV"	Membru	Nov 2024 – Nov 2026
3.	**PEO/71/PEO_P7/OP4/ESO4.5/PEO_A49** - Promovarea dezvoltării programelor de studii terțiare de înaltă calitate, flexibile și corelate cu cerințele pieței muncii - STAGII STUDENȚI- Regiuni mai puțin dezvoltate. Titlu proiect: „Stagii pentru studenți pregătiți pentru provocările de mâine" , cod MySMIS proiect 317682.	Membru	Nov 2024 – Oct 2026
4.	**CNFIS-FDI-2024-F-0524** Titlu: Stimularea și dezvoltarea competențelor antreprenoriale studențești în domeniul sănătate prin metode inovative și abordări translaționale adaptate pieței moderne și nevoilor societății - Universitatea de Medicină și Farmacie „Victor Babeș" Timișoara	Membru	Apr 2024 – Dec 2024
5.	**ERASMUS** 2023-1-RO01-KA220-HED-000164767 Titlu: Partnership for innovation on the exchange of best practices and the design of joint collaborative initiatives at European level related to the awareness of the effects of contamination on human health	Manager inovare	Sep 2023 – Aug 2025
6.	**ERASMUS 2022-1-RO01-KA220-HED-000088958** - Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in Pharmaceutics, Agriculture and Nutrition	**Manager**	Sep 2022 – Aug 2024
7.	**CNFIS-FDI-2022-0484** - Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale UMF „Victor Babes" din Timisoara	**Manager**	Apr 2022 – Decembrie 2022
8.	**CNFIS-FDI-2023-F-0448** – Augmentarea multifunctionalitatii bazei de practica in domeniul produselor vegetale medicinale prin inovare interdisciplinara cu transpunere in sfera digitala	Manager inovare	Apr 2023 – Decembrie 2023
9.	**CNFIS-FDI-2023-F-0450** – Dezvoltarea continua a actiunilor antreprenoriale studentesti prin si pentru studenti in cadrul UMFVBT	Manager inovare	Apr 2023 – Decembrie 2023
10.	**CNFIS-FDI-2022-0474** - Consolidarea și dezvoltarea activităților antreprenoriale studențești prin studenți și doctoranzi în cadrul UMFVBT	Membru	Apr 2022 – Decembrie 2022
11.	**CNFIS-FDI-2021-0498** - Dezvoltarea bazei de practică în domeniul plantelor medicinale a UMF Victor Babeș Timișoara / Development of the practice base in the field of medicinal plants of the "Victor Babes" University of Medicine and Pharmacy Timisoara	**Manager**	Mai 2021 – Decembrie 2021
12.	**PN-III-P1-1.1-TE-2019-2134,** acronym BAPRONIO - Redarea către piața dermocosmetica a unei formulari topice moderne cu acid betulinic încorporat in proniozomi / Delivery to the dermocosmetic market of a modern topical formulation with betulinic acid encapsulated in proniosomes	Membru	2020 - 2022
13.	**1EXP/1233/30.01.2020** - Lupeol as bioactive natural compound in the local treatment of wounds and inflammation from mild to severe pathologies: experimental evaluations and market pre-proposal	Membru	2020 - 2021
14.	**PN-III-P1-1.1-TE2019-0130** Hidrogeluri inovatoare pe bază de micele polimerice ca sisteme de cedare pentru uleiul esențial de oregano: o abordare farmaceutică avansată pentru gestionarea papiloamelor cutanate / Innovative hydrogels based on polymeric micelles as release systems for oregano essential oil: an advanced pharmaceutical approach to papilloma management cutaneous	Membru	2020- 2023
15.	**PN-III-P2-2.1-PED2019-3067** Nanobiostructuri inovatoare bazate pe nanoparticule ferimagnetice conjugate cu ciclodextrine pentru cresterea eficacitatii si reducerea toxicitatii in terapia cancerului prin hipertermie SP-magnetica / Innovative nanobiostructures based on ferromagnetic nanoparticles conjugated with cyclodextrins to increase efficacy and reduce toxicity in cancer therapy by SP-magnetic hyperthermia	Membru	2020- 2023
16.	**PN-III-P1-1.1- PD-2019-1231** Noi perspective privind chemoprevenția cancerului cutanat: evaluarea acidului maslinic și al unui derivat de acid maslinic încorporați în nanoemulsii / New perspectives on skin cancer chemoprevention: evaluation of maslinic acid and a maslinic acid derivative incorporated in nanoemulsions	Mentor	2020-2023
17.	**ERASMUS project 2019-1-RO01-KA203-063499** - Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes	**Manager proiect partener**	2019 - 2021
18.	**CNFIS-FDI-2019-0393** "Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale / Center for professional development in the field of dermato-cosmetic products based on medicinal plants"	**Manager**	Mai 2019 – Decembrie 2019
19.	**CNFIS – FDI – 2018 – 0159** „Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale / Center for the development of practical skills in the field of medicinal plants"	**Manager**	Mai 2018 – Decembrie 2018
20.	**CNFIS – FDI – 2018 – 0459** Actiuni amplificate de sustinere si promovare eficienta a dimensiunii internationale a educatiei medicale din Universitatea de Medicina si Farmacie Victor Babes din Timisoara	Membru	Mai 2018 – Decembrie 2018
21.	**PN-III-P1-1.1-PD-2016-1982** – Proiecte de Cercetare Postdoctorală, competiția 2016 "Noi	Mentor	2017-2019

	perspective privind mecanismul de acțiune al acidului betulinic ca agent antimelanom/ New insights into the antimelanoma mechanism of action of betulinic acid"		
22.	**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"	Membru	2017-2019
23.	**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)	**Manager științific**	2016-2019
24.	**PN-III-P2-2.1-BG-2016-0354**, No 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)	Membru	2016-2018
25.	**PN-III-P2-2.1-BG-2016- 0455**, No 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)	Membru	2016-2018
26.	**PN-II-PT-PCCA**, No110/2014 "Recuperarea avansată a produselor utile din deşeurile de catalizatori uzaţi" (Advanced recovery of useful products from used catalysers waste) (REMACAT)	Membru	2014-2017
27.	**UEFISCDI Bilateral project Romania – France no. 791/30.06.2014** "Obtinerea micro-cristalelor de triterpene pentaciclice si studiul modificarilor lor" (Obtaining pentacyclic triterpene micro - crystals and pharmaceutical toxicology study of their changes in experimental models)	Membru	2014-2016
28.	**UEFISCDI Bilateral project Romania-France RO-FR 789/30.06.2014** "Nanostructuri cu aurone, chalcone şi extracte vegetale standardizate: dezvoltarea unui nou prototip de agent chemopreventiv şi antiinflamator" (Nanostructures with aurones, chalcones and standardized vegetal extracts: development of a new prototype of chemopreventiv and anticancer agent)	Membru	2014-2016
29.	**P III-C1-PCFI-2014/2015-03** "Noi abordări farmaceutice pentru modularea biodisponibilităţii unor flavonoide cu potenţial chemopreventiv pentru melanomul malign" (New pharmaceutical options for some Flavonoids bioavailability modulation with chemopreventiv potential in malignant melanoma)	**Manager**	2014-2016
30.	**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)	**Manager**	2013-2014
31.	**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 polysacharides functionalised derivatives)	Membru	2013-2014
32.	**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"	Membru	2010-2012
33.	**International Project Romania-China 198/2009** „Antioxidant activity of Chinese materia medica and its chemical composition"	**Manager**	2009-2010
34.	**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"	**Manager partener român**	2009-2011
35.	**Project CNCSIS IDEI 2284** „Diagnosticarea cancerului şi monitorizarea terapeutica prin tehnici Raman ultrasensibile" (Cancer diagnosis and therapeutical monitoring by ultrasensitive Raman spectroscopic techniques)	Membru	2008-2011
36.	**Grant PN II 1257/2007** „Studiul implementarii unor bioproduşi antitumorali vegetali de tip triterpenic inclusiv prin formare de nanostructuri, in 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)	**Manager**	2007-2010
37.	**Grant INOVARE 69/2007** „Dezvoltarea unui produs fitofarmaceutic destinat terapiei adjuvante şi de prevenire a neoplaziei mamare" (Development of a phytopharmaceutical compound as adjuvant in treatment and prevention of breast cancer)	**Manager**	2007-2010
38.	**Grant CNCSIS AT 173/2007** „Elaborarea unor bioproduse cu compuşi triterpenici şi ciclodextrine şi analiza eficacitate/nocivitate a acestora in patologii cutanate" (Elaboration of bioproducts with triterpenic compounds and cyclodextrins and their efficacy/toxicity analysis in skin pathologies)	**Manager**	2007-2008
39.	**Project CEEX cod 30/2006** „Evaluarea conţinutului de metale grele din sol cu ajutorul plantelor bioindicatoare şi valorificarea acestora în scopuri terapeutice" (The evaluation of soil heavy metals content using bioindicators plants and their therapeutic added value)	Membru	2006-2008
40.	**Proiect CEEX ET 35/2006** „Biotehnologii pentru obţinerea 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)	Membru	2006-2008
41.	**Project CEEX 10/ 2005** „Studiul bioactivitaţii sinergice a alimentelor funcţionale antioxidante in reversabilitatea sindromului metabolic" (The study of the synergic bioactivity of functionalized antioxidant aliments in reversibility of metabolic syndrome) (BIOTECH)	Membru	2005-2007
42.	Leonardo da Vinci, Agreement No. RO-2004-PL 93056-TD Training of „European Phytotherapists for Discovery of New Medications"	Membru	2005

I.2 IMPACTUL ACTIVITĂȚII DE CERCETARE

I.2.1 CAPITOLE DE CARTE ÎN EDITURI INTERNAȚIONALE – 12, Elsevier (4 capitole – 2023, 2019, 2018), InTech (6 capitole – 2018, 2017, 2015), Studium press LLC, Houston, USA (2 capitole – 2014)
I.2.2 PUBLICAȚII ISI (WoS) – peste 300 articole ISI full text, 5 Proceedings Paper, peste 50 Meeting Abstract, 1 Editorial Material
I.2.3 PREMII PENTRU ACTIVITATEA DE CERCETARE – peste 50
I.2.4 INDICE HIRSH – 38, TOTAL CITĂRI – 4737 (fără autocitări)
I.2.5 Web of Science ResearcherID: CLT-3608-2022
I.2.6 SCOPUS ID: 57188769810
I.2.7 BRAINMAP ID: U-1700-035C-2746
I.2.8 ORCID ID: 0000-0002-5482-7092

I.3 ÎNCADRARE PUBLICAȚII ȘTIINȚIFICE – WoS

ANEXA II. ACTIVITATEA DIDACTICĂ

II.1 Coordonare lucrări de licență și disertație: peste 60 – lucrări de licență (perioada 2012-2023), peste 20 – lucrări de disertație în cadrul programelor de master *Medicamente de tip OTC, sulimente alimentare, cosmetice* și *Formularea și evaluarea produsului dermatocosmetic*
II.2 Cărți și monografii – 6 de specialitate; actualizarea cursurilor în format ppt anual după ultimele noutăți apărute în domeniu
II.3 Coordonator program VADA – an universitar 2017/2018 – 2 studenți; an universitar 2018/2019 – 3 studenți; an universitar 2019/2020 – 5 studenți, an universitar 2020-2021 – 4 studenți; an universitar 2021-2022 – 4 studenți; an universitar 2022-2023 – 4 studenti; 2023-2024 – 4 studenți
II.4 Coordonator program master – Farmacovigilență și monitorizarea studiilor clinice
II.5 Coordonare cercuri științifice studențești – Evaluarea farmacotoxicologică a unor produse vegetale cu acțiune terapeutică (2017 – www.umft.ro)
II.6 Participarea în comisii din procesul educaţional admitere/ licenţă/ rezidențiat/ comisii de evaluare instituţională ale UMFVBT

ANEXA III. LISTA PUBLICAȚII

III.1 SELECȚIE ARTICOLE ISI (ultimii 10 ani)

1. Watz CG, Moacă EA, Cioca A, Șuta LM, Krauss Maldea L, Magyari-Pavel IZ, Nicolov M, Sîrbu IO, Loghin F, **Dehelean CA**. Cutaneous Evaluation of Fe3O4 Nanoparticles: An Assessment Based on 2D and 3D Human Epidermis Models Under Standard and UV Conditions. Int J Nanomedicine. 2025 Mar 20;20:3653-3670. doi: 10.2147/IJN.S513423. PMID: 40130196; PMCID: PMC11932040. **IF 6.7**

2. Pacnejer AM, Negru MC, Arseniu AM, Trandafirescu C, Oancea C, Gligor FG, Morgovan C, Butuca A, **Dehelean CA**. Comparative Analysis of Neuropsychiatric Adverse Reactions Associated with Remdesivir and Nirmatrelvir/Ritonavir in COVID-19 Treatment: Insights from EudraVigilance Data. J Clin Med. 2025 Mar 11;14(6):1886. doi: 10.3390/jcm14061886. PMID: 40142695; PMCID: PMC11942844. **IF 3**
3. Marcovici I, Chioibas R, Zupko I, Pinzaru I, Moaca A, Ledeti A, Barbu-Tudoran L, Geamantan A, Predescu I, **Dehelean CA**. Preclinical pharmaco-toxicological screening of biomimetic melanin-like nanoparticles as a potential therapeutic strategy for cutaneous melanoma. Front Pharmacol. 2025 Feb 6;16:1487854. doi: 10.3389/fphar.2025.1487854. **IF 4.4**
4. Predescu IA, Jîjie AR, Pătraşcu D, Pasc AL, Piroş EL, Trandafirescu C, Oancea C, **Dehelean CA**, Moacă EA. Unveiling the Complexities of Medications, Substance Abuse, and Plants for Recreational and Narcotic Purposes: An In-Depth Analysis. Pharmacy (Basel). 2025 Jan 22;13(1):7. doi: 10.3390/pharmacy13010007. PMID: 39998006; PMCID: PMC11859396**. IF 2**
5. Smeu A, Marcovici I, **Dehelean CA**, Dumitrel S-I, Borza C, Lighezan R. Flavonoids and Flavonoid-Based Nanopharmaceuticals as Promising Therapeutic Strategies for Colorectal Cancer—An Updated Literature Review. Pharmaceuticals. 2025; 18(2):231. https://doi.org/10.3390/ph18020231 **IF 4.3**
6. Fecker R, Avram Ș, Cocan I, Alexa E, Bora L, Minda D, Magyari-Pavel IZ, **Dehelean CA**, Danciu C. In Vitro and In Ovo Evaluation of Oenothera biennis L. Oil as an Alternative Preservative for Oil-Based Products. Foods. 2025 Jan 20;14(2):332. doi: 10.3390/foods14020332. **IF4.7**
7. Mederle AL, Semenescu A, Drăghici GA, **Dehelean CA**, Vlăduț NV, Nica DV. Sodium Butyrate: A Multifaceted Modulator in Colorectal Cancer Therapy. Medicina (Kaunas). 2025 Jan 15;61(1):136. doi: 10.3390/medicina61010136. **IF 2.4**
8. Buda V, Sturza A, Minda D, Diaconeasa Z, Iuhas C, Bădescu B, **Dehelean CA**, Danciu C, Muntean MD, Lighezan R, Dănilă MD. Vasculo-Protective Effects of Standardized Black Chokeberry Extracts in Mice Aorta. Int J Mol Sci. 2024 Dec 17;25(24):13520. doi: 10.3390/ijms252413520. **IF4.9**
9. Pacnejer AM, Butuca A, Dobrea CM, Arseniu AM, Frum A, Gligor FG, Arseniu R, Vonica RC, Vonica-Tincu AL, Oancea C, Mogosan C, Popa Ilie IR, Morgovan C, **Dehelean CA**. Neuropsychiatric Burden of SARS-CoV-2: A Review of Its Physiopathology, Underlying Mechanisms, and Management Strategies. Viruses. 2024 Nov 21;16(12):1811. doi: 10.3390/v16121811. **IF 3.8**
10. Roman A, Smeu A, Lascu A, **Dehelean CA**, Predescu IA, Motoc A, Borza C, Draghici GA, Trandafirescu CM, Anton A, Ardelean S. Quercetin Enhances 5-Fluorouracil-Driven Cytotoxicity Dose-Dependently in A375 Human Melanoma Cells. Life (Basel). 2024 Dec 19;14(12):1685. doi: 10.3390/life14121685. **IF 3.2**
11. Jianu N, Buda VO, Căpățână D, Muntean C, Onea TN, Jivulescu MA, Teodor A, Romanescu M, Udrescu L, Groza V, Udrescu M, Buzatu AR, **Dehelean CA**, Andor M. Osteoporosis: a problem still faulty addressed by the Romanian healthcare system. Results of a questionnaire survey of people aged 40 years and over. Front Med (Lausanne). 2024 Oct 23;11:1485382. doi: 10.3389/fmed.2024.1485382. **IF 3.1**
12. Moise G, Jîjie AR, Moacă EA, Predescu IA, **Dehelean CA**, Hegheș A, Vlad DC, Popescu R, Vlad CS. Plants' Impact on the Human Brain-Exploring the Neuroprotective and Neurotoxic Potential of Plants. Pharmaceuticals (Basel). 2024 Oct 7;17(10):1339. doi: 10.3390/ph17101339. **IF 4.3**
13. Caizer-Gaitan IS, Watz CG, Caizer C, **Dehelean CA**, Bratu T, Crainiceanu Z, Coroaba A, Pinteala M, Soica CM. In Vitro Superparamagnetic Hyperthermia Employing Magnetite Gamma-Cyclodextrin Nanobioconjugates for Human Squamous Skin Carcinoma Therapy. Int J Mol Sci. 2024 Jul 31;25(15):8380. doi: 10.3390/ijms25158380. **IF 4.9**
14. Grosu Dumitrescu C, Jîjie AR, Manea HC, Moacă EA, Iftode A, Minda D, Chioibaș R, **Dehelean CA**, Vlad CS. New Insights Concerning Phytophotodermatitis Induced by Phototoxic Plants. Life (Basel). 2024 Aug 16;14(8):1019. doi: 10.3390/life14081019. **IF 3.2**
15. Kiș AM, Buzatu R, Chisavu L, Poenaru M, Borza C, Iftode A, Sarau OS, **Dehelean CA**, Ardelean S. Time-to-Treatment Delays and Their Prognostic Implications in Pharyngeal Cancer-An Exploratory Analysis in Western Romania. Clin Pract. 2024 Jun 29;14(4):1270-1284. doi: 10.3390/clinpract14040103. **IF 1.7**
16. Similie D, Minda D, Bora L, Kroškins V, Lugiņina J, Turks M, **Dehelean CA**, Danciu C. An Update on Pentacyclic Triterpenoids Ursolic and Oleanolic Acids and Related Derivatives as Anticancer Candidates. Antioxidants (Basel). 2024 Aug 6;13(8):952. doi: 10.3390/antiox13080952. **IF 6**
17. Magyari-Pavel IZ, Moacă EA, Avram Ș, Diaconeasa Z, Haidu D, Ștefănuț MN, Rostas AM, Muntean D, Bora L, Badescu B, Iuhas C, Dehelean CA, Danciu C. Antioxidant Extracts from Greek and Spanish Olive Leaves: Antimicrobial, Anticancer and Antiangiogenic Effects. Antioxidants (Basel). 2024 Jun 27;13(7):774. doi: 10.3390/antiox13070774. **IF 6**
18. Neamțu AA, Maghiar TA, Turcuș V, Maghiar PB, Căpraru AM, Lazar BA, **Dehelean CA**, Pop OL, Neamțu C, Totolici BD, Mathe E. A Comprehensive View on the Impact of Chlorogenic Acids on Colorectal Cancer. Curr Issues Mol Biol. 2024 Jul 2;46(7):6783-6804. doi: 10.3390/cimb46070405. **IF 2.8**
19. Zakzak K, Semenescu AD, Moacă EA, Predescu I, Drăghici G, Vlaia L, Vlaia V, Borcan F, **Dehelean CA**. Comprehensive Biosafety Profile of Carbomer-Based Hydrogel Formulations Incorporating Phosphorus Derivatives. Gels. 2024 Jul 18;10(7):477. doi: 10.3390/gels10070477**. IF 5**
20. Bora L, Lombrea A, Batrina SL, Buda VO, Esanu OM, Pasca O, **Dehelean CA**, Dinu S, Diaconeasa Z, Danciu C. A Systematic Review of Cardio-Metabolic Properties of Lonicera caerulea L. Antioxidants (Basel). 2024 Jun 5;13(6):694. doi: 10.3390/antiox13060694. PMID: 38929133; **IF 6**
21. Sarău OS, Moacă E-A, Semenescu A-D, Dumitru R, Jijie A-R, Poenaru M, **Dehelean C-A**, Chevereşan A. Physicochemical and Toxicological Screening of Silver Nanoparticle Biosynthesis from Punica granatum Peel Extract. Inorganics. 2024; 12(6):160. https://doi.org/10.3390/inorganics12060160 **IF 3.1**
22. Boța M, Vlaia L, Jîjie AR, Marcovici I, Crișan F, Oancea C, **Dehelean CA**, Mateescu T, Moacă EA. Exploring Synergistic Interactions between Natural Compounds and Conventional Chemotherapeutic Drugs in Preclinical Models of Lung Cancer. Pharmaceuticals (Basel). 2024 May 8;17(5):598. doi: 10.3390/ph17050598. **IF 4.3**
23. Khaled Z, Ilia G, Watz C, Macașoi I, Drăghici G, Simulescu V, Merghes PE, Varan NI, **Dehelean CA**, Vlaia L, et al. The Biological Impact of Some Phosphonic and Phosphinic Acid Derivatives on Human Osteosarcoma. Current Issues in Molecular Biology. 2024; 46(5):4815-4831. https://doi.org/10.3390/cimb46050290 **IF 2.8**
24. Grande F, Marrelli M, Amodeo V, Occhiuzzi MA, Pinzaru I, Fucile M, **Dehelean CA**, Alexa E, Conforti F, Statti G. Molecular Docking Studies and In Vitro Activity of Paliurus spina-christi Mill Extracts as Pancreatic Lipase Inhibitors. Antioxidants (Basel). 2024 Jan 26;13(2):160. doi: 10.3390/antiox13020160. **IF 6**
25. Prodan-Bărbulescu C, Watz CG, Moacă EA, Faur AC, **Dehelean CA**, Faur FI, Grigoriță LO, Maghiari AL, Tuțac P, Duță C, Bolintineanu S, Ghenciu LA. A Preliminary Report Regarding the Morphological Changes of Nano-Enabled Pharmaceutical Formulation on Human Lung Carcinoma Monolayer and 3D Bronchial Microtissue. Medicina (Kaunas). 2024 Jan 25;60(2):208. doi: 10.3390/medicina60020208. **IF 2.4**

26. Lombrea A, Watz CG, Bora L, **Dehelean CA**, Diaconeasa Z, Dinu S, Turks M, Luginina J, Peipiņš U, Danciu C. Enhanced Cytotoxicity and Antimelanoma Activity of Novel Semisynthetic Derivatives of Betulinic Acid with Indole Conjugation. Plants (Basel). 2023 Dec 21;13(1):36. doi: 10.3390/plants13010036. **IF 4**
27. Semenescu, AD; Moaca, EA; Iftode, A; **Dehelean, CA**; Tchiakpe-Antal, DS; Vlase, L; Rotunjanu, S; Muntean, D; Chiriac, SD; Chioibas, R. Recent Updates Regarding the Antiproliferative Activity of Galium verum Extracts on A375 Human Malignant Melanoma Cell Line. LIFE-BASEL, JAN 2024, 14(1), DOI: 10.3390/life14010112, Article Number 112. **IF 3.2**
28. Lombrea, A; Watz, CG; Bora, L; **Dehelean, CA**; Diaconeasa, Z; Dinu, S; Turks, M; Luginina, J; Peipins, U; Danciu, C. Enhanced Cytotoxicity and Antimelanoma Activity of Novel Semisynthetic Derivatives of Betulinic Acid with Indole Conjugation. PLANTS-BASEL, JAN 2024, 13(1), DOI: 10.3390/plants13010036, Article Number 36. **IF 4.5**
29. Bora, L; Iftode, A; Mut, AM; Vlaia, LL; Olteanu, GE; Muntean, D; **Dehelean, CA**; Buda, V; Coneac, GH; Danciu, C. Stability Profile and Clinical Evaluation of an Innovative Hydrogel Containing Polymeric Micelles as Drug Delivery Systems with Oregano Essential Oil against Fibroepithelial Polyps. PHARMACEUTICALS, JUL 2023, 16(7), DOI: 10.3390/ph16070980, Article Number 980. **IF 4.6**
30. Caizer, C; Caizer-Gaitan, IS; Watz, CG; **Dehelean, CA**; Bratu, T; Soica, C. High Efficacy on the Death of Breast Cancer Cells Using SPMHT with Magnetite Cyclodextrins Nanobioconjugates. PHARMACEUTICS, APR 2023, 15(4), DOI: 10.3390/pharmaceutics15041145, Article Number 1145. **IF 5.4**
31. G.A. Draghici, **C.A. Dehelean***, A.E. Moaca, M.L. Moise, I. Pinzaru, V.N. Vladut, I. Banatean-Dunea, D. Nica. Cadmium nitrate and DNA methylation in gastropods: comparison between ovotestis and hepatopancreas. PEERJ 1-21, DOI: 10.7717/peerj.15032. 2023 **IF 2.7**
32. Moaca, EA; Watz, C; Faur, AC; Lazar, D; Socoliuc, V; Pacurariu, C; Ianos, R; Rus, CI; Minda, D; Barbu-Tudoran, L; **Dehelean, CA**. Biologic Impact of Green Synthetized Magnetic Iron Oxide Nanoparticles on Two Different Lung Tumorigenic Monolayers and a 3D Normal Bronchial Model-EpiAirway (TM) Microtissue. PHARMACEUTICS, 15(1), Article Number 2, 2023, DOI10.3390/pharmaceutics15010002. **IF 5.4**
33. **Dehelean CA**, Coricovac D, Pinzaru I, et al. Rutin bioconjugates as potential nutraceutical prodrugs: An in vitro and in ovo toxicological screening. Front Pharmacol. 2022 Sep 23;13:1000608. doi: 10.3389/fphar.2022. **IF = 5.988**
34. Dolghi A, Coricovac D, Dinu S, Pinzaru I, **Dehelean CA**, Grosu C, Chioran D, Merghes PE, Sarau CA. Chemical and Antimicrobial Characterization of Mentha piperita L. and Rosmarinus officinalis L. Essential Oils and In Vitro Potential Cytotoxic Effect in Human Colorectal Carcinoma Cells. Molecules. 2022 Sep 19;27(18):6106. doi: 10.3390/molecules27186106. PMID: 36144839; PMCID: PMC9505364. **IF 4.927**
35. Pancu DF, Racea RC, Macasoi I, Sarau CA, Pinzaru I, Poenaru M, Rusu LC, **Dehelean CA**, Dinu S. Assessment of the In Vitro Cytotoxic Profile of Two Broad-Spectrum Antibiotics-Tetracycline and Ampicillin-On Pharyngeal Carcinoma Cells. Medicina (Kaunas). 2022 Sep 16;58(9):1289. doi: 10.3390/medicina58091289. PMID: 36143966; PMCID: PMC9505149. **IF 2.948**
36. Cozma GV, Apostu A, Macasoi I, **Dehelean CA**, Cretu OM, Dinu S, Gaiță D, Manea A. In Vitro and In Ovo Evaluation of the Potential Hepatoprotective Effect of Metformin. Medicina (Kaunas). 2022 May 25;58(6):705. doi: 10.3390/medicina58060705. PMID: 35743967; PMCID: PMC9228172. **IF 2.948**
37. Moacă EA, Watz CG, Flondor Ionescu D, Păcurariu C, Tudoran LB, Ianoș R, Socoliuc V, Drăghici GA, Iftode A, Liga S, Dragoș D, **Dehelean CA**. Biosynthesis of Iron Oxide Nanoparticles: Physico-Chemical Characterization and Their In Vitro Cytotoxicity on Healthy and Tumorigenic Cell Lines. Nanomaterials (Basel). 2022 Jun 10;12(12):2012. doi: 10.3390/nano12122012. PMID: 35745350; PMCID: PMC9230869. **IF 5.719**
38. Caizer C, Caizer IS, Racoviceanu R, Watz CG, Mioc M, **Dehelean CA**, Bratu T, Soica C. Fe3O4-PAA-(HP-γ-CDs) Biocompatible Ferrimagnetic Nanoparticles for Increasing the Efficacy in Superparamagnetic Hyperthermia. Nanomaterials (Basel). 2022 Jul 27;12(15):2577. doi: 10.3390/nano12152577. PMID: 35957011; PMCID: PMC9370715. **IF 5.719**
39. Dumache R, Enache A, Macasoi I, **Dehelean CA**, Dumitrascu V, Mihailescu A, Popescu R, Vlad D, Vlad CS, Muresan C. SARS-CoV-2: An Overview of the Genetic Profile and Vaccine Effectiveness of the Five Variants of Concern. Pathogens. 2022 Apr 26;11(5):516. doi: 10.3390/pathogens11050516. PMID: 35631037; PMCID: PMC9144800. **IF 4.531**
40. Marcovici I, Coricovac D, Pinzaru I, Macasoi IG, Popescu R, Chioibas R, Zupko I, **Dehelean CA**. Melanin and Melanin-Functionalized Nanoparticles as Promising Tools in Cancer Research-A Review. Cancers (Basel). 2022 Apr 6;14(7):1838. doi: 10.3390/cancers14071838. PMID: 35406610; PMCID: PMC8998143. **IF 6.575**
41. Kis AM, Macasoi I, Paul C, Radulescu M, Buzatu R, Watz CG, Cheveresan A, Berceanu D, Pinzaru I, Dinu S, Manea A, Poenaru M, Borza C, **Dehelean CA**. Methotrexate and Cetuximab-Biological.Impact on Non-Tumorigenic Models: In Vitro and In Ovo Assessments. Medicina (Kaunas). 2022 Jan 22;58(2):167. doi: 10.3390/medicina58020167. PMID: 35208492; PMCID: PMC8877801. **IF 2.948**
42. Dolghi A, Buzatu R, Dobrescu A, Olaru F, Popescu GA, Marcovici I, Pinzaru I, Navolan D, Cretu OM, Popescu I, **Dehelean CA**. Phytochemical Analysis and In Vitro Cytotoxic Activity against Colorectal Adenocarcinoma Cells of Hippophae rhamnodies L., Cymbopogon citratus (D.C.) Stapf, and Ocimum basilicum L. Essential Oils. Plants (Basel). 2021 Dec 14;10(12):2752. doi: 10.3390/plants10122752. PMID: 34961223; PMCID: PMC8704097. **IF 4.658**
43. Bociort F, Macasoi IG, 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. Curr Oncol. 2021 Dec 2;28(6):5054-5066. 10.3390/curroncol28060425. PMID: 34940064; PMCID: PMC8700590. **IF 3.109**
44. Pinzaru I, Chioibas R, Marcovici I, Coricovac D, Susan R, Predut D, Georgescu D, **Dehelean C**. Rutin Exerts Cytotoxic and Senescence-Inducing Properties in Human Melanoma Cells. Toxics. 2021 Sep 19;9(9):226. doi: 10.3390/toxics9090226. PMID: 34564377; PMCID: PMC8472636. **IF 4.472**
45. Pârvănescu Pană RD, Watz CG, Moacă EA, Vlaia L, Marcovici I, Macașoi IG, Borcan F, Olariu I, Coneac G, Drăghici GA, Crăiniceanu Z, Flondor Ionescu D, Enache A, **Dehelean CA**. Oleogel Formulations for the Topical Delivery of Betulin and Lupeol in Skin Injuries-Preparation, Physicochemical Characterization, and Pharmaco-Toxicological Evaluation. Molecules. 2021 Jul 9;26(14):4174. doi: 10.3390/molecules26144174. PMID: 34299450; PMCID: PMC8305438 **IF 4.927**
46. Moacă EA, Watz CG, Socoliuc V, Racoviceanu R, Păcurariu C, Ianoş R, Cîntă-Pînzaru S, Tudoran LB, Nekvapil F, Iurciuc S, Șoica C, **Dehelean CA**. Biocompatible Magnetic Colloidal Suspension Used as a Tool for Localized Hyperthermia in Human Breast Adenocarcinoma Cells: Physicochemical Analysis and Complex In Vitro Biological Profile. Nanomaterials (Basel). 2021 Apr 30;11(5):1189. doi: 10.3390/nano11051189. PMID: 33946316; PMCID: PMC8145112. **IF 5.719**
47. Marinescu AR, Lăzureanu V, Laza R, Musta V, Nicolescu N, Cuț TG, **Dehelean C**, Oancea C, Licker M. Association between ribotype and clinical form of enterocolitis with C. difficile in Western Romania: A 2-year study. Exp Ther Med. 2022 Jan;23(1):22. doi: 10.3892/etm.2021.10944. **IF 2.751**

48. Pilut CN, Manea A, Macasoi I, Dobrescu A, Georgescu D, Buzatu R, Faur A, Dinu S, Chioran D, Pinzaru I, Hancianu M, **Dehelean C**, Malița D. Comparative Evaluation of the Potential Antitumor of Helleborus purpurascens in Skin and Breast Cancer. Plants (Basel). 2022 Jan 12;11(2):194. doi: 10.3390/plants11020194. **IF 4.658**
49. Dinu S, Craciunescu EL, Macasoi I, Chioran D, Rivis M, Vlad D, Milutinovici RA, Marcovici I, Dolghi A, Moaca A, Dinu DC, **Dehelean C**, Popa M. Toxicological Assessment of an Acrylic Removable Orthodontic Appliance Using 2D and 3D In Vitro Methods. Materials (Basel). 2022 Feb 4;15(3):1193. doi: 10.3390/ma15031193. **IF 3.748**
50. Tanase A, Manea A, Scurtu AD, Bratu LM, Chioran D, Dolghi A, Alexoi I, AAbed H, Lazureanu V**, Dehelean CA**. The "Invisible Enemy" SARS-CoV-2: Viral Spread and Drug Treatment. Medicina. 2022; 58(2):261. https://doi.org/10.3390/medicina58020261 **IF 2.948**
51. Blidisel A, Marcovici I, Coricovac D, Hut F, **Dehelean CA**, Cretu OM. Experimental Models of Hepatocellular Carcinoma-A Preclinical Perspective. Cancers (Basel). 2021 Jul 21;13(15):3651. doi: 10.3390/cancers13153651. **IF 6.575**
52. Hut E-F, Radulescu M, Pilut N, Macasoi I, Berceanu D, Coricovac D, Pinzaru I, Cretu O, Dehelean C. Two Antibiotics, Ampicillin and Tetracycline, Exert Different Effects in HT-29 Colorectal Adenocarcinoma Cells in Terms of Cell Viability and Migration Capacity. Current Oncology. 2021; 28(4):2466-2480. https://doi.org/10.3390/curroncol28040225. **IF 3.109**
53. Pop D, Buzatu R, Moacă E-A, Watz CG, Cîntă Pînzaru S, Barbu Tudoran L, Nekvapil F, Avram Ș, **Dehelean CA**, Crețu MO, Nicolov M, Szuhanek 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. **IF 3.748**
54. Ghițu A, Pavel IZ, Avram S, Kis B, Minda D, **Dehelean CA**, Buda V, Folescu R, Danciu C. An In Vitro-In Vivo Evaluation of the Antiproliferative and Antiangiogenic Effect of Flavone Apigenin against SK-MEL-24 Human Melanoma Cell Line. Anal Cell Pathol (Amst). 2021 Jun 21;2021:5552664. doi: 10.1155/2021/5552664. **IF 4.133**
55. Coricovac D, **Dehelean CA**, Pinzaru I, Mioc A, Aburel O-M, Macasoi I, Draghici GA, Petean C, Soica C, Boruga M, Vlaicu B, Muntean MD. Assessment of Betulinic Acid Cytotoxicity and Mitochondrial Metabolism Impairment in a Human Melanoma Cell Line. *International Journal of Molecular Sciences*. 2021; 22(9):4870. https://doi.org/10.3390/ijms22094870. **IF 6.208**
56. Simu S, Marcovici I, Dobrescu A, Malita D, **Dehelean CA**, Coricovac D, Olaru F, Draghici GA, Navolan D. Insights into the Behavior of Triple-Negative MDA-MB-231 Breast Carcinoma Cells Following the Treatment with 17β-Ethinylestradiol and Levonorgestrel. Molecules. 2021 May 8;26(9):2776. doi: 10.3390/molecules26092776. **IF 4.927**
57. Fabricky MMC, Gabor AG, Milutinovici RA, Watz CG, Avram Ș, Drăghici G, Mihali CV, Moacă EA, **Dehelean CA**, Galuscan A, Buzatu R, Duma VF, Negrutiu ML, Sinescu C. Scaffold-Type Structure Dental Ceramics with Different Compositions Evaluated through Physicochemical Characteristics and Biosecurity Profiles. Materials (Basel). 2021 Apr 27;14(9):2266. doi: 10.3390/ma14092266. IF **3.748**
58. 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 Pharmaco-Toxicological 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. **IF 3.352**
59. Lombrea A, Scurtu AD, Avram S, Pavel IZ, Turks M, Lugiņina J, Peipiņš U, **Dehelean CA**, Soica C, Danciu C. Anticancer Potential of Betulonic Acid Derivatives. Int J Mol Sci. 2021 Apr 1;22(7):3676. doi: 10.3390/ijms22073676 IF **6.208**
60. Sipos S, Moacă E-A, Pavel IZ, Avram Ş, Crețu OM, Coricovac D, Racoviceanu R-M, Ghiulai R, Pană RD, Şoica 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. **IF 4.927**
61. Pancu DF, Scurtu A, Macasoi IG, Marti D, Mioc M, Soica C, Coricovac D, Horhat D, Poenaru M, **Dehelean C**. Antibiotics: Conventional Therapy and Natural Compounds with Antibacterial Activity—A Pharmaco-Toxicological Screening. Antibiotics. 2021; 10(4):401. https://doi.org/10.3390/antibiotics10040401. **IF 5.222**
62. Iftode A, Drăghici GA, Macașoi I, Marcovici I, Coricovac DE, Dragoi R, Tischer A, Kovatsi L, Tsatsakis AM, Cretu O, **Dehelean C.** Exposure to cadmium and copper triggers cytotoxic effects and epigenetic changes in human colorectal carcinoma HT-29 cells. Exp Ther Med. 2021 Jan;21(1):100. doi: 10.3892/etm.2020.9532. **IF 2.751**
63. Antal DS, Ardelean F, Jijie R, Pinzaru I, Soica C, **Dehelean C.** Integrating Ethnobotany, Phytochemistry, and Pharmacology of Cotinus coggygria and Toxicodendron vernicifluum: What Predictions can be Made for the European Smoketree? Front Pharmacol 2021, 12, 746. DOI=10.3389/fphar.2021.662852. **IF 5.811**
64. Cepeha CM, Paul C, Borlea A, Fofiu R, Borcan F, **Dehelean CA**, Ivan V, Stoian D. Shear-Wave Elastography-Diagnostic Value in Children with Chronic Autoimmune Thyroiditis. Diagnostics (Basel). 2021 Feb 5;11(2):248. doi: 10.3390/diagnostics11020248. **IF 3.992**
65. **Dehelean CA**, Marcovici I, Soica C, Mioc M, Coricovac D, Iurciuc S, Cretu OM, Pinzaru I. Plant-Derived Anticancer Compounds as New Perspectives in Drug Discovery and Alternative Therapy. Molecules. 2021 Feb 19;26(4):1109. doi: 10.3390/molecules26041109. **IF 4.927**
66. Şoica C, Voicu M, Ghiulai R, **Dehelean C**, Racoviceanu R, Trandafirescu C, Roșca OJ, Nistor G, Mioc M, Mioc A. Natural Compounds in Sex Hormone-Dependent Cancers: The Role of Triterpenes as Therapeutic Agents. Front Endocrinol (Lausanne). 2021 Jan 21;11:612396. doi: 10.3389/fendo.2020.612396. **IF 6.055**
67. Danciu C, Cioanca O, Watz Farcaș C, Hancianu M, Racoviceanu R, Muntean D, Zupko I, Oprean C, Tatu C, Paunescu V, Proks M, Diaconeasa Z, Soica C, Pinzaru I, **Dehelean C**. Botanical Therapeutics (Part II): Antimicrobial and In Vitro Anticancer Activity against MCF7 Human Breast Cancer Cells of Chamomile, Parsley and Celery Alcoholic Extracts. Anticancer Agents Med Chem. 2021;21(2):187-200. doi: 10.2174/1871520620666200807213734. **IF 2.47**
68. Pinzaru I, Tanase A, Enatescu V, Coricovac D, Bociort F, Marcovici I, Watz C, Vlaia L, Soica C, **Dehelean C**. Proniosomal Gel for Topical Delivery of Rutin: Preparation, Physicochemical Characterization and In Vitro Toxicological Profile Using 3D Reconstructed Human Epidermis Tissue and 2D Cells. Antioxidants (Basel). 2021 Jan 10;10(1):85. doi: 10.3390/antiox10010085. **IF 7.675**
69. Pinzaru I, Sarau C, Coricovac D, Marcovici I, Utescu C, Tofan S, Popovici RA, Manea HC, Pavel IE, Soica C, **Dehelean C**. Silver Nanocolloids Loaded with Betulinic Acid with Enhanced Antitumor Potential: Physicochemical Characterization and In Vitro Evaluation. Nanomaterials (Basel). 2021 Jan 9;11(1):152. doi: 10.3390/nano11010152. **IF 5.719**
70. Borcan F, Len A, **Dehelean CA**, Dudás Z, Ghiulai R, Iftode A, Racoviceanu R, Soica CM. Design and Assessment of a Polyurethane Carrier Used for the Transmembrane Transfer of Acyclovir. Nanomaterials (Basel). 2020 Dec 28;11(1):51. doi: 10.3390/nano11010051. **IF 5.719**
71. 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. Int J Mol Sci. 2020 Dec 17;21(24):9653. doi: 10.3390/ijms21249653. **IF 5.924**
72. Szuhanek CA, Watz CG, Avram Ș, Moacă EA, Mihali CV, Popa A, Campan AA, Nicolov M, **Dehelean CA**. Comparative Toxicological In Vitro and In Ovo Screening of Different Orthodontic Implants Currently Used in Dentistry. Materials (Basel). 2020 Dec 13;13(24):5690. doi: 10.3390/ma13245690. **IF 3.623**

73. Alexa VT, Szuhanek C, Cozma A, Galuscan A, Borcan F, Obistioiu D, **Dehelean CA**, Jumanca D. Natural Preparations Based on Orange, Bergamot and Clove Essential Oils and Their Chemical Compounds as Antimicrobial Agents. Molecules. 2020 Nov 24;25(23):5502. doi: 10.3390/molecules25235502. **IF 4.412**
74. Dumbrava D, Popescu LA, Soica CM, Nicolin A, Cocan I, Negrea M, Alexa E, Obistioiu D, Radulov I, Popescu S, Watz C, Ghiulai R, Mioc A, Szuhanek C, Sinescu C, **Dehelean C**. Nutritional, Antioxidant, Antimicrobial, and Toxicological Profile of Two Innovative Types of Vegan, Sugar-Free Chocolate. Foods. 2020 Dec 11;9(12):1844. doi: 10.3390/foods9121844. **IF 4.35**
75. Ghiulai R, Roşca OJ, Antal DS, Mioc M, Mioc A, Racoviceanu R, Macaşoi I, Olariu T, **Dehelean C**, Creţu OM, Voicu M, Şoica C. Tetracyclic and Pentacyclic Triterpenes with High Therapeutic Efficiency in Wound Healing Approaches. Molecules. 2020 Nov 26;25(23):5557. doi: 10.3390/molecules25235557. **IF 4.412**
76. Maghiari AL, Coricovac D, Pinzaru IA, Macașoi IG, Marcovici I, Simu S, Navolan D, **Dehelean C**. High Concentrations of Aspartame Induce Pro-Angiogenic Effects in Ovo and Cytotoxic Effects in HT-29 Human Colorectal Carcinoma Cells. Nutrients. 2020 Nov 24;12(12):3600. doi: 10.3390/nu12123600. **IF 5.719**
77. Faur A, Watz C, Moacă EA, Avram Ş, Borcan F, Pinzaru I, Iftode A, Nicolov M, Popovici RA, Raica M, Szuhanek CA, **Dehelean C**. 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. 2020 Nov 20;25(22):5442. doi: 10.3390/molecules25225442. **IF 4.412**
78. Kis B, Avram S, Pavel IZ, Lombrea A, Buda V, **Dehelean CA**, Soica C, Yerer MB, Bojin F, Folescu R, Danciu C. Recent Advances Regarding the Phytochemical and Therapeutic Uses of Populus nigra L. Buds. Plants (Basel). 2020 Oct 29;9(11):1464. doi: 10.3390/plants9111464. **IF 2.762**
79. Cepeha CM, Paul C, Borlea A, Borcan F, Fofiu R, **Dehelean CA**, Stoian D. The Value of Strain Elastography in Predicting Autoimmune Thyroiditis. Diagnostics (Basel). 2020 Oct 27;10(11):874. doi: 10.3390/diagnostics10110874. **IF 3.706**
80. Popa A, **Dehelean C**, Calniceanu H, Watz C, Brad S, Sinescu C, Marcu OA, Popa CS, Avram S, Nicolov M, Szuhanek CA. 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). 2020 Oct 27;13(21):4789. doi: 10.3390/ma13214789 **IF 3.623**
81. Racoviceanu R, Trandafirescu C, Voicu M, Ghiulai R, Borcan F, **Dehelean C**, Watz C, Aigner Z, Ambrus R, Coricovac DE, Cîrcioban D, Mioc A, Szuhanek CA, Şoica C. Solid Polymeric Nanoparticles of Albendazole: Synthesis, Physico-Chemical Characterization and Biological Activity. Molecules. 2020 Nov 4;25(21):5130. doi: 10.3390/molecules25215130. **IF 4.412**
82. Eremici, Ivana; Dumitru, Catalin; Navolan, Dan; Craina, Marius; Ivan, Viviana; Borcan, Florin; **Dehelean, Cristina A**.; Mozos, Ioana; Stoian, Dana. 2020. "Diagnostic Value of Different Risk-Stratification Algorithms in Solid Breast Lesions" Appl. Sci. 10, no. 19: 6943. https://doi.org/10.3390/app10196943 **IF 2.679f**
83. Buda V, Brezoiu AM, Berger D, Pavel IZ, Muntean D, Minda D, **Dehelean CA**, Soica C, Diaconeasa Z, Folescu R, Danciu C. Biological Evaluation of Black Chokeberry Extract Free and Embedded in Two Mesoporous Silica-Type Matrices. Pharmaceutics. 2020 Sep 1;12(9):838. doi: 10.3390/pharmaceutics12090838. **IF 6.321**
84. Macașoi I, Pavel IZ, Moacă AE, Avram Ș, David VL, Coricovac D, Mioc A, Spandidos DA, Tsatsakis A, Șoica C, Dumitrașcu V, **Dehelean C**. Mechanistic investigations of antitumor activity of a Rhodamine B-oleanolic acid derivative bioconjugate. Oncol Rep. 2020 Sep;44(3):1169-1183. doi: 10.3892/or.2020.7666. **IF 3.906**
85. Circioban, D; Ledeti, I; Suta, LM; Vlase, G; Ledeti, A; Vlase, T; Varut, R; Sbarcea, L; Trandafirescu, C; **Dehelean, C**. Instrumental analysis and molecular modelling of inclusion complexes containing artesunate. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* 2020 DOI: 10.1007/s10973-020-09975-3 **IF 4.626**
86. Balea, TS; Parvu, AE; Parvu, M; Vlase, L; **Dehelean, CA**; Pop, TI. Antioxidant, Anti-Inflammatory and Antiproliferative Effects of theVitis viniferaL. var. Feteasca Neagra and Pinot Noir Pomace Extracts. *FRONTIERS IN PHARMACOLOGY* 2020 Volume: 11, Article Number: 990, DOI: 10.3389/fphar.2020.00990 **IF 5.811**
87. **Dehelean, CA**; Lazureanu, V; Coricovac, D; Mioc, M; Oancea, R; Marcovici, I; Pinzaru, I; Soica, C; Tsatsakis, AM; Cretu, O. SARS-CoV-2: Repurposed Drugs and Novel Therapeutic Approaches—Insights into Chemical Structure—Biological Activity and Toxicological Screening, *JOURNAL OF CLINICAL MEDICINE,* 2020, 9, 2084; doi:10.3390/jcm9072084. **IF 4.242**
88. Circioban, D; Ledeti, A; Vlase, G; Vlase, T; **Dehelean, C**; Ledeti, I. Thermal stability and kinetic degradation study for dihydroartemisinin. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* 2020, DOI: 10.1007/s10973-020-09902-6. **IF 4.626**
89. Fecker, R; Buda, V; Alexa, E; Avram, S; Pavel, IZ; Muntean, D; Cocan, I; Watz, C; Minda, D; **Dehelean, CA**; Soica, C; Danciu, C. Phytochemical and Biological Screening of Oenothera biennis L. Hydroalcoholic Extract. *BIOMOLECULES* 2020, Volume: 10 Issue: 6 Article Number: 818, DOI: 10.3390/biom10060818. **IF 4.879**
90. Circioban, D; Ledeti, A; Vlase, G; Ledeti, L; Vlase, T; Varut, R; Pavel, LZ; **Dehelean, C**. Preparation, physicochemical characterization and biological activity evaluation of some inclusion complexes containing artesunate. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* 2020, Volume: 141 Issue: 3 Pages: 1041-1051 DOI: 10.1007/s10973-020-09763-z. **IF 4.626**
91. Farcas CG; Macasoi 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. *FRONTIERS IN PHARMACOLOGY* 2020; 11:410. DOI: 10.3389/fphar.2020.00410 **IF 6.4**
92. 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 3.706**
93. Cotoi, L; Borcan, F; Sporea, I; Amzar, D; Schiller, O; Schiller, A; **Dehelean, CA**; Pop, GN; Borlea, A; Stoian, D. Thyroid Pathology in End-Stage Renal Disease Patients on Hemodialysis. *DIAGNOSTICS* (Basel). 2020 Apr;10(4), 245 DOI: 10.3390/diagnostics10040245. **IF 3.11**
94. Putz, AM; Ianasi, C; Dudas, Z; Coricovac, D; Watz, C; Len, A; Almasy, L; Sacarescu, L; **Dehelean, C**. SiO_2-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 4.412**
95. 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: 10.2174/0929867325666811080942222 **IF 4.53**
96. 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 2.507**

97. 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 3.11**
98. 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 4.556**
99. 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 2.731**
100. Draghici, GA; **Dehelean, C**; Pinzaru, I; Bordean, DM; Borozan, A; Tsatsakis, AM; Kovatsi, L; Nica, D. Soil copper uptake by land snails: A semi-field experiment with juvenile Cantareus aspersus snails. *ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY*, 2019, 72:UNSP 103243, DOI: 10.1016/j.etap.2019.103243 **IF 3.292**
101. Moaca, EA; Pavel, IZ; Danciu, C; Crainiceanu, Z; Minda, D; Ardelean, F; Antal, DS; Ghiulai, R; Cioca, A; Derban, M; Simu, S; Chioibas, R; Szuhanek, C; **Dehelean, CA**. Romanian Wormwood (*Artemisia absinthium* L.): Physicochemical and Nutraceutical Screening. *MOLECULES*, 2019, 24(17):3087, DOI: 10.3390/molecules24173087 **IF 3.267**
102. Duca, A; Sturza, A; Moaca, EA; Negrea, M; Lalescu, VD; Lungeanu, D; **Dehelean, CA (autor coresp)**; Muntean, DM; Alexa, E. Identification of Resveratrol as Bioactive Compound of Propolis from Western Romania and Characterization of Phenolic Profile and Antioxidant Activity of Ethanolic Extracts. *MOLECULES*, 2019, 24(18):3368, DOI: 10.3390/molecules24183368 **IF 3.267**
103. Stoian, D; Borcan, F; Petre, I; Mozos, I; Varcus, F; Ivan, V; Cioca, A; Apostol, A; **Dehelean, CA**. Strain Elastography as a Valuable Diagnosis Tool in Intermediate Cytology (Bethesda III) Thyroid Nodules. *DIAGNOSTICS*, 2019, 9(3):119, DOI: 10.3390/diagnostics9030119 **IF 3.11**
104. Popovici RA; Vaduva D; Pinzaru I; **Dehelean CA;** Farcas CG; Coricovac D; Danciu C; Popescu I; Alexa E; Lazureanu V; Stanca HT. A comparative study on the biological activity of essential oil and total hydro-alcoholic extract of Satureja hortensis L. *EXPERIMENTAL AND THERAPEUTIC MEDICINE*, 2019, 18(2): 932–942. DOI: 10.3892/etm.2019.7635 **IF 1.785**
105. Boda, D; **Dehelean, C.** Immuno-dermatological processes involved in chronic skin diseases: Highlights of the Second Conference of the Romanian Society for Immuno-Dermatology, Bucharest, September, 2018. *EXPERIMENTAL AND THERAPEUTIC MEDICINE*, 2019, 18(2):873-874, DOI: 10.3892/etm.2019.7690, Publisher Spandidos Publ LTD, Pob 18179, Athens, 116 10, Greece **IF 1.785**
106. Pavel, IZ; Csuk, R; Danciu, C; Avram, S; Baderca, F; Cioca, A; Moaca, 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. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 2019, 20(11):2828, DOI: 10.3390/ijms20112828 **IF 4.556**
107. Moacă EA, Mihali CV, Macaşoi IG, Racoviceanu Băbuţă R, Şoica C, **Dehelean CA**, Păcurariu C, Florescu S. Fe_3O_4@C Matrix with Tailorable Adsorption Capacities for Paracetamol and Acetylsalicylic Acid: Synthesis, Characterization, and Kinetic Modeling. *MOLECULES*, 2019, 24(9). pii: E1727. DOI: 10.3390/molecules24091727 **IF 3.267**
108. Moacă EA, Farcaş C, Coricovac D, Avram S, Mihali CV, Drâghici GA, Loghin F, Păcurariu C, **Dehelean C**. Oleic Acid Double Coated Fe_3O_4 Nanoparticles as Anti-Melanoma Compounds with a Complex Mechanism of Activity-In Vitro and In Ovo Assessment. *J BIOMED NANOTECHNOL*. 2019, 15(5):893-909. DOI: 10.1166/jbn.2019.2726 **IF 4.483**
109. 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. A Comprehensive Assessment of Apigenin as an Antiproliferative, Proapoptotic, Antiangiogenic and Immunomodulatory Phytocompound. *NUTRIENTS*. 2019, 11(4). pii: E858. DOI: 10.3390/nu11040858 **IF 4.546**
110. Coșarcă SL, Moacă EA, Tanase C, Muntean DL, Pavel IZ, **Dehelean C**. Spruce and beech bark aqueous extracts: source of polyphenols, tannins and antioxidants correlated to in vitro antitumor potential on two different cell lines, *WOOD SCIENCE AND TECHNOLOGY*, 2019, 53(2): 313-333, DOI: 10.1007/s00226-018-1071-5 **IF 2.109**
111. Nicolov M, Ghiulai RM, Voicu M, Mioc M, Duse AO, Roman R, Ambrus R, Zupko I, Moaca EA, Coricovac DE, Farcas C, Racoviceanu RM, Danciu C, **Dehelean CA**, Soica C. Cocrystal Formation of Betulinic Acid and Ascorbic Acid: Synthesis, Physico-Chemical Assessment, Antioxidant, and Antiproliferative Activity. *FRONT CHEM*. 2019, 7:92. DOI: 10.3389/fchem.2019.00092 **IF 3.693**
112. Mioc A; Mioc M ; Ghiulai R ; Voicu M ; Racoviceanu R ; Trandafirescu C; **Dehelean C**; Coricovac D; Soica C. Gold Nanoparticles as Targeted Delivery Systems and Theranostic Agents in Cancer Therapy. *CURRENT MEDICINAL CHEMISTRY*, 2019, 26(35): 6493-6513. DOI: 10.2174/0929867326666190506123721 **IF 4.184**
113. Muntean, D; Licker, M; Alexa, E; Popescu, I; Jianu, C; Buda, V; **Dehelean, CA**; Ghiulai, R; Horhat, F; Horhat, D; Danciu, C. Evaluation of essential oil obtained from Menthaxpiperita L. against multidrug-resistant strains. *INFECTION AND DRUG RESISTANCE*, 2019, 12:2905-2914, DOI: 10.2147/IDR.S218141 **IF 2.984**
114. Nica D, Draghici G, Andrica FM, Popescu S, Coricovac D, **Dehelean C* (autor coresp)**, Gergen I, Kovatsi L, Coleman M, Tsatsakis A. Short-term effects of very low dose cadmium feeding on copper, manganese and iron homeostasis: A gastropod perspective. *ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY*, 2019, 65:9-13, DOI:10.1016/j.etap.2018.10.005 **IF 3.292**
115. Danciu, C; Muntean, D; Alexa, E; Farcas, C; Oprean, C; Zupko, I; Bor, A; Minda, D; Proks, M; Buda, V; Hancianu, M; Cioanca, O; Soica, C; Popescu, S; **Dehelean, CA**. Phytochemical Characterization and Evaluation of the Antimicrobial, Antiproliferative and Pro-Apoptotic Potential of Ephedra alata Decne. Hydroalcoholic Extract against the MCF-7 Breast Cancer Cell Line. *MOLECULES*, 2019, 24(1), Article Number: 13, DOI: 10.3390/molecules24010013 **IF 3.267**
116. Danciu, C; Pinzaru, I; Coricovac, D; Andrica, F; Sizemore, I; **Dehelean, C**; Baderca, F; Lazureanu, V; Soica, C; Mioc, M; Radeke H. Betulin silver nanoparticles qualify as efficient antimelanoma agents in in vitro and in vivo studies. *EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS*, 2019, 134:1–19, DOI: 10.1016/j.ejpb.2018.11.006 **IF 4.604**
117. Ursoniu, S; Sahebkar, A; Serban, MC; Pinzaru, I; **Dehelean, C**; Noveanu, L; Rysz, J; Banach, M. A systematic review and meta-analysis of clinical trials investigating the effects of flaxseed supplementation on plasma C-reactive protein concentrations. *ARCHIVES OF MEDICAL SCIENCE*, 2019, 15(1):12-22, DOI: 10.5114/aoms.2018.81034 **IF 2.807**
118. 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. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 2018, 19(11):3600, DOI: 10.3390/ijms19113600 **IF = 4.183**

119. Danciu, C; Zupko, I; Bor, A; Schwiebs, A; Radeke, H; Hancianu, M; Cioanca, O; Alexa, E; Oprean, C; Bojin, F; Soica, C; Paunescu, V; **Dehelean, CA**. Botanical Therapeutics: Phytochemical Screening and Biological Assessment of Chamomile, Parsley and Celery Extracts against A375 Human Melanoma and Dendritic Cells. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 2018, 19(11):3624, DOI: 10.3390/ijms19113624 **IF = 4.183**
120. Circioban, D; Ledeti, A; Vlase, G; Moaca, A; Ledeti, I; Farcas, C; Vlase, T; **Dehelean, C**. Thermal degradation, kinetic analysis and evaluation of biological activity on human melanoma for artemisinin. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, 2018, 134(1):741-748, DOI: 10.1007/s10973-018-7497-z **IF = 2.471**
121. Circioban, D; Ledeti, I; Vlase, G; Ledeti, A; Axente, C; Vlase, T; **Dehelean, C**. Kinetics of heterogeneous-induced degradation for artesunate and artemether. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, 2018, 134(1):749-756, DOI: 10.1007/s10973-018-7257-0 **IF = 2.471**
122. Sturza, A; Pavel, I; Ancusa, S; Danciu, C; **Dehelean, C**; Duicu, O; Muntean, D. Quercetin exerts an inhibitory effect on cellular bioenergetics of the B164A5 murine melanoma cell line. *MOLECULAR AND CELLULAR BIOCHEMISTRY*, 2018, 447(1-2):103-109, DOI: 10.1007/s11010-018-3296-x **IF = 2.884**
123. Mioc, M; Avram, S; Bercean, V; Kurunczi, L; Ghiulai, RM; Oprean, C; Coricovac, DE; **Dehelean, C**; Mioc, A; Balan-Porcarasu, M; Tatu, C; Soica, C. Design, Synthesis and Biological Activity Evaluation of S-Substituted 1H-5-Mercapto-1,2,4-Triazole Derivatives as Antiproliferative Agents in Colorectal Cancer. *FRONTIERS IN CHEMISTRY*, 2018, Article number 373, DOI: 10.3389/fchem.2018.00373 **IF = 3.782**
124. Coricovac, D; **Dehelean, C**; Moaca, EA; Pinzaru, I; Bratu, T; Navolan, D; Boruga, O. Cutaneous MelanomaA Long Road from Experimental Models to Clinical Outcome: A Review. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 2018, 19(6), Article number 1566, DOI: 10.3390/ijms19061566 **IF = 4.183**
125. Mioc, M; Pavel, IZ; Ghiulai, R; Coricovac, DE; Farcas, C; Mihali, CV; Oprean, C; Serafim, V; Popovici, RA; **Dehelean, CA**; Shtilman, MI; Tsatsakis, AM; Soica, C. The Cytotoxic Effects of Betulin-Conjugated Gold Nanoparticles as Stable Formulations in Normal and Melanoma Cells. *FRONTIERS IN PHARMACOLOGY*, 2018, Article number 429, DOI: 10.3389/fphar.2018.00429 **IF = 3.845**
126. Falamas, A; **Dehelean, CA**; Pinzaru, SC. Monitoring of betulin nanoemulsion treatment and molecular changes in mouse skin cancer using surface enhanced Raman spectroscopy. *VIBRATIONAL SPECTROSCOPY*, 2018, 95:45-50, DOI: 10.1016/j.vibspec.2018.01.004 **IF = 1.861**
127. Cocan, I; Alexa, E; Danciu, C; Radulov, I; Galuscan, A; Obistioiu, D; Morvay, AA; Sumalan, RM; Poiana, MA; Pop, G; **Dehelean, CA**. Phytochemical screening and biological activity of Lamiaceae family plant extracts. *EXPERIMENTAL AND THERAPEUTIC MEDICINE*, 2018, 15(2):1863-1870, DOI: 10.3892/etm.2017.5640 **IF = 1.448**
128. Bakonyi, M; Berko, S; Eros, G; Varju, G; **Dehelean, CA**; Budai-Szucs, M; Csanyi, E. A Review of Electroporation-based Antitumor Skin Therapies and Investigation of Betulinic Acid-loaded Ointment. *ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY*, 2018, 18(5):693-701, DOI: 10.2174/1871520617666171113120255 **IF = 2.180**
129. Pinzaru, I; Coricovac, D; **Dehelean, C* (coresp autor)**; Moaca, EA; Mioc, M; Baderca, F; Sizemore, I; Brittle, S; Marti, D; Calina, CD; Tsatsakis, AM; Soica, C. Stable PEG-coated silver nanoparticles - A comprehensive toxicological profile. *FOOD AND CHEMICAL TOXICOLOGY*, 2018, 111:546-556, DOI: 10.1016/j.fct.2017.11.051 **IF = 3.775**
130. Alexa, E; Sumalan, RM; Danciu, C; Obistioiu, D; Negrea, M; Poiana, MA ; Rus, C; Radulov, I; Pop, G; **Dehelean, C**. Synergistic Antifungal, Allelopatic and Anti-Proliferative Potential of Salvia officinalis L., and Thymus vulgaris L. Essential Oils. *MOLECULES*, 2018, 23(1), Article number 185, DOI: 10.3390/molecules23010185 **IF = 3.060**
131. Danciu, C; Soica, C; Antal, D; Alexa, E; Pavel, IZ; Ghiulai, R; Ardelean, F; Babuta, RM; Popescu, A; **Dehelean, CA**. Natural Compounds in the Chemoprevention of Malignant Melanoma. *ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY*, 2018, 18(5):631-644, DOI: 10.2174/1871520617666171121142522 **IF = 2.180**
132. Moaca, EA; Farcas, C; Ghitu, A; Coricovac, D; Popovici, R; Caraba-Meita, NL; Ardelean, F; Antal, DS; **Dehelean, C**; Avram, S. 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*, 2018, Article number 7860456, DOI: 10.1155/2018/7860456 **IF = 1.984**
133. Danciu, C; Avram, S; Pavel, IZ; Ghiulai, R; **Dehelean, CA**; Ersilia, A; Minda, D; Petrescu, C; Moaca, EA; Soica, C. Main Isoflavones Found in Dietary Sources as Natural Anti-inflammatory Agents. *CURRENT DRUG TARGETS*, 2018, 19(7):841-853, DOI: 10.2174/1389450118666171109150731 **IF = 2.642**
134. Tanase, C; Domokos, E; Cosarca, S; Miklos, A; Imre, S; Domokos, J; **Dehelean, CA**. Study of the Ultrasound-assisted Extraction of Polyphenols from Beech (Fagus sylvatica L.) Bark. *BIORESOURCES*, 2018, 13(2):2247-2267, DOI: 10.15376/biores.13.2.2247-2267 **IF = 1.396**
135. Ledeti, A; Vlase, G; Vlase, T; Circioban, D; **Dehelean, C**; Ledeti, I. Kinetic study for solid-state degradation of mental disorder therapeutic agents Amitriptyline, desipramine and imipramine. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, 2018, 131(1):155-165, DOI: 10.1007/s10973-016-6064-8 **IF = 2.471**
136. Ledeti, A; Vlase, G; Vlase, T; Circioban, D; **Dehelean, C**; Ledeti, I; Suta, LM. Binary adduct formation of desipramine with dicarboxylic acids An instrumental study. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, 2018, 131(1):167-173, DOI: 10.1007/s10973-016-5967-8 **IF = 2.471**
137. Ledeti, I; Budiul, M; Matusz, P; Vlase, G; Circioban, D; **Dehelean, C**; Suta, LM; Caunii, A ; Ledeti, A; Vlase, T; Murariu, M; Bolintineanu, S. Preformulation studies for nortriptyline Solid-state compatibility with pharmaceutical excipients. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, 2018, 131(1):191-199, DOI: 10.1007/s10973-017-6269-5 **IF = 2.471**
138. Alexa, E; Danciu, C; Radulov, I; Obistioiu, D; Sumalan, RM; Morar, A; **Dehelean, CA**. Phytochemical Screening and Biological Activity of Menthax x piperita L. and Lavandula angustifolia Mill. Extracts. *ANALYTICAL CELLULAR PATHOLOGY*, 2018, Article Number: 2678924, DOI: 10.1155/2018/2678924 **IF = 1.788**

139. **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 and Chemical Toxicology*, 2016, 95:149-158, DOI: 10.1016/j.fct.2016.07.007 **IF = 3.778**
140. **Dehelean CA**; Feflea S; Gheorgheosu D; Ganta S; Cimpean AM; Muntean D; Amiji MM. Anti-angiogenic and anti-cancer evaluation of betulin nanoemulsion in chicken chorioallantoic membrane and skin carcinoma in Balb/c mice. *J Biomed Nanotechnol*. 2013, 9(4):577-589, ISSN 1550-7033, **IF=7.578**
141. **Dehelean CA**, Feflea S, Ganta S, Amiji M. Anti-Angiogenic Effects of Betulinic Acid Administered in Nanoemulsion Formulation using Chorioallantoic Membrane Assay. *J Biomed Nanotechnol*. 2011, 7(2):317-324, ISSN 1550-7033 **IF= 4.216**

III.2 ISI PROCEEDINGS – WEB OF SCIENCE

1. Circioban, D; Ledeti, A; Vlase, G; Coricovac, D; Moaca, A; Farcas, C; Vlase, T; Ledeti, I; **Dehelean, C.** Guest-host interactions and complex formation for artemisinin with cyclodextrins: instrumental analysis and evaluation of biological activity. JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 134(2):1375-1384, Proceedings Paper **IF = 2.471**
2. 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. JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2016, 125(2):759-768, DOI: 10.1007/s10973-015-5052-8 **IF = 1.953**
3. Falamas, A; Pinzaru, SC; Chis, V; **Dehelean, C**. Spectroscopic investigations of newly formed betulin-cyclodextrin guest-host type complexes as potential anti skin cancer candidates. JOURNAL OF MOLECULAR STRUCTURE, 2011, 993(1-3):297-301, Special Issue: SI, DOI: 10.1016/j.molstruc.2010.11.044 **IF = 1.634**
4. Pinzaru, SC; **Dehelean, CA**; Falamas, A; Leopold, N; Lehene, C. Cancer tissue screening using Surface Enhanced Raman Scattering. LASER APPLICATIONS IN LIFE SCIENCES, 2010, Edited by: Kinnunen, M; Myllyla, R, Book Series: Proceedings of SPIE, Volume: 7376, Article Number: UNSP 73760T, DOI: 10.1117/12.871378 **IF = 0.694**
5. Peev, C; Vlase, L; **Dehelean, C**; Soica, C; Feflea, S; Alexa, E. HPLC comparative analysis of polyphenolic content of propolis and black poplar foliar bud extracts. ACTUAL TASKS ON AGRICULTURAL ENGINEERING, PROCEEDINGS, 2009, Edited by: Kosutic, S, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 37:Pages: 395-+ IF = -
6. **Dehelean, CA**; Pinzaru, SC; Peev, CI; Soica, C; Antal, DS. Characterization of birch tree leaves, buds and bark dry extracts with antitumor activity. JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 2007, 9(3):783-787, Special Issue: SI, Proceedings Paper **IF = 0.827**

III.3 PRINCIPALELE BREVETE ȘI PROPUNERI DE BREVET

1. 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
2. Jumanca D, Găluşcan 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
3. Pop G, Alexa E, Imbre I, Palicica R, **Dehelean C**, Danciu C, Andrica F. *Unguent antibacterian pe bază de extract de măghiran* (*Origanum majorana* L.) *şi scoarţă de mesteacăn* (*Betula pendula* Roth.), Registry office OMIS A/01015/17.12.2015, published in the Official Industrial Property Bulletin, Section Brevete de Inventie, No.6, 2016
4. Borcan LC, Popescu FG, Borcan F, Păuncu EA, Tomescu MC, **Dehelean CA**. *Produs absorbant pentru hidrogen sulfurat şi procedeu de obţinere a acestuia* / *Absorbent product for hydrogen sulphide and process for obtaining it*. CBI A/00040 from 25.01.2019

III.4 CAPITOLE DE CARTE

1. Pinzaru IA, **Dehelean CA**. Sodium sulfite. In: Encyclopedia of Toxicology (Fourth Edition), Philip Wexler (ED), Academic Press 2024, pp: 625-629. ISBN 9780323854344, https://doi.org/10.1016/B978-0-12-824315-2.01147-7.
2. Coricovac DE, Pinzaru IA, **Dehelean CA**. N-Acetyl-L-cysteine. In: Encyclopedia of Toxicology (Fourth Edition), Philip Wexler (ED), Academic Press 2024, pp: 601-609. ISBN 9780323854344, https://doi.org/10.1016/B978-0-12-824315-2.01155-6
3. Cîntă Pînzaru S, Fălămaș A, **Dehelean CA**. Chapter 6 - Raman Spectroscopy: A Key Analytical Tool for New Drugs Research and Development. Studies in Natural Products Chemistry Volume 61, 2018, Pages 211-250. DOI: 10.1016/B978-0-444-64183-0.00006-3, ISBN: 978-0-444-64183-0, ISSN: 1572-5995, Elsevier 2019
4. Soica C, Pinzaru I, Trandafirescu C, Andrica F, Danciu C, Mioc M, Coricovac D, Sitaru C, **Dehelean C**. Chapter 5 - Silver-, gold-, and iron-based metallic nanoparticles: Biomedical applications as theranostic agents for cancer, Pages 161-242, in: Design of Nanostructures for Theranostics Applications. Edited by: Alexandru Mihai Grumezescu ISBN: 978-0-12-813669-0, Elsevier 2018
5. Moacă EA, Coricovac ED, Soica CM, Pinzaru IA, Păcurariu CS, **Dehelean CA**. Chapter 12 - Preclinical aspects on magnetic iron oxides nanoparticles and their interventions as anticancer agents: enucleation, apoptosis and other mechanism, DOI: 10.5772/intechopen.74176, in: Iron ores and iron oxide materials, Edited by: Dr. Volodymyr Shatokha, ISBN 978-1-78923-320-9, InTech 2018
6. Şoica C, Antal D, Andrica F, Băbuţa R, Moacă A, Ardelean F, Ghiulai R, Avram S, Danciu C, Coricovac D, **Dehelean C**. Lupan-Skeleton Pentacyclic Triterpenes with Activity against Skin Cancer: Preclinical Trials Evolution, DOI: 10.5772/intechopen.68908, in: Unique Aspects of Anti-cancer Drug Development, edited by: Jolanta Natalia Latosinska and Magdalena Latosinska, ISBN 978-953-51-3348-3, Print ISBN 978-953-51-3347-6, InTech 2017
7. Avram S, Ghiulai R, Pavel IZ, Mioc M, Babuta R, Voicu M, Coricovac D, Danciu C, **Dehelean C**, Soica C. Phytocompounds targeting cancer angiogenesis using the chorioallantoic membrane assay, in: Phytochemistry - Natural Products and Cancer, ISBN 978-953-51-3314-8, Print ISBN 978-953-51-3313-1, Intech 2017

8. Danciu C, Suciu O, Antal DS, Ardelean F, Chiș AR, Șoica C, Andrica F, **Dehelean C**, Vlaicu Brigitha V. New insights regarding the potential health benefits of isoflavones, pages: 257-286, in: Flavonoids, Edited by: José Justino, ISBN 978-953-51-5338-2, Intech 2017
9. Danciu C, Soica C, Antal D, Popescu A, Avram S, Ghiulai R, Pavel IZ, Minda D, **Dehelean C**. An update of natural compounds and their modern formulations for the management of malignant melanoma, pages: 211-253, in: Phytochemistry - Natural Products and Cancer, Edited by: Farid A. Badria, ISBN 978-953-51-3314-8, Print ISBN 978-953-51-3313-1, Intech 2017
10. Coricovac DE, **Dehelean CA**. Chapter 1 - Pathological Aspects with Global Impact Induced by Toxicants at Cellular Level, pages 3-21, DOI: 10.5772/59945, in: Toxicology Studies – Cells, Drugs and Environment, Edited by: Ana Cristina Andreazza and Gustavo Scola, ISBN 978-953-51-2140-4, InTech 2015
11. Şoica C, Trandafirescu C, Borcan F, Danciu C, Simu G, **Dehelean C**. Nanoformulations with cyclodextrins as carriers for skin targeting of active drugs, in: Biotechnology-Novel Drug Delivery, Volume 8, pages: 29-56, Series ISBN: 1-62699-015-8, Vol. ISBN No.: 1-62699-023-9, Studium press LLC, Houston, USA 2014
12. Danciu C, **Dehelean C**, Soica C. Chapter 2 - Natural Compound Genistein: From Consecrated to New Utilizations and Formulations, in: Biotechnology - Drug Discovery, Volume 7, pages: 43-61, Series ISBN: 1-62699-022-0, Vol. ISBN: 1-62699-015-8, Studium Press, LLC, Houston, USA 2014

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