

INFORMAȚII PERSONALE

**Cristina Adriana DEHELEAN**

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

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EXPERIENȚA
PROFESIONALĂ

2014 – PREZENT

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

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 *Medicamente de tip OTC, suplimente alimentare, cosmetice; Farmacovigilență și monitorizarea studiilor clinice, Cosmetologie și dermofarmacie, Toxicologia și medicina adicțiilor*, 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

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

2020

Vicepreședinte - Consiliul Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare (CNATDCU), Comisia Farmacie
Gen. Berthelot 28-30, Sector 1, București 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 Popișteanu, nr. 1-3, sector 1, București 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 Preparador 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

EDUCAȚIE ȘI 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 Sănătății și Familiei, Direcția Generală Resurse Umane, Formare Profesională, Concursuri și 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 Sănătății și Familiei, Direcția Generală Resurse Umane, Formare Profesională, Concursuri și Examenе
- 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

COMPETENȚE PERSONALE

LIMBA MATERNĂ ROMÂNĂ

Limbile străine cunoscute

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	C2	C2	C2	C2	C2
franceză	C2	C2	C1	C1	C2

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

Competențe 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).

Competențe organizaționale/manageriale

Abilități de coordonator de echipă, spirit organizatoric, capacitate de concentrare și planificare, implementare, coordonare, finalizare obiective sau indicatori de performanță propuși în funcție de domeniu și activitate, capacitate de luare a deciziilor rapid și eficient, responsabilitate și implicare în activitățile 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 (Consiliul Studiilor Universitare de Doctorat)
2. Membru al Senatului UMF “Victor Babeș” din Timișoara
3. Membru al Consiliului de Administratie al UMF “Victor Babeș” din Timișoara
4. Decan Facultatea de Farmacie
5. Membru mai multe mandate in Consiliul Facultății de Farmacie și Consiliul Departamentului II
6. Coordonator al programului de studii masterale – Medicamente de tip OTC, suplimente alimentare, cosmetice (2015-2021), Cosmetologie și dermofarmacie (2022-2024), Farmacovigilență și monitorizarea studiilor clinice (2024-prezent)

7. Coordonator disciplina de Toxicologie (2004-prezent)
8. Membru CNATDCU si Vicepreședinte
9. Membru ARACIS

Management de proiect

1. 350965/ (DOCTOMED) Consolidarea educației doctorale și postdoctorale în domeniile medical, medico-dentar și farmaceutic prin formare avansată, cercetare și inovare, în cadrul unui parteneriat academic-clinic, 2025-2029
2. ERASMUS 2022-1-RO01-KA220-HED-000088958 - Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in Pharmaceuticals, Agriculture and Nutrition
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-2022-0484 - Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale UMF „Victor Babes” din Timisoara
5. CNFIS-FDI-2021-0498 “Dezvoltarea bazei de practica in domeniul plantelor medicinale a UMF Victor Babes Timisoara” – director de proiect
6. CNFIS-FDI-2019-0393 “Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale” – director de proiect
7. CNFIS – FDI – 2018 – 0159 „Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale” – director de proiect
8. 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
9. 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) – director de proiect
10. UEFISCDI, bilateral proiect 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) – director de proiect
11. International Project Romania-China 198/2009 „Antioxidant activity of Chinese materia medica and its chemical composition” – director de proiect
12. 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
13. Grant PN II 1257/2007 „Studiul implementarii unor bioproduși 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) – director de proiect
14. 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) – director de proiect
15. Grant CNCSIS AT 173/2007 „Elaborarea unor bioproduse cu compuși triterpenici și ciclodextrine și analiza eficacitate/nocivitate a acestora in patologii cutanate”

(Elaboration of bioproducts with triterpenic compounds and cyclodextrins and their efficacy/toxicity analysis in skin pathologies) – director de proiect

16. Evaluator proiecte CNCSIS si UEFISCDI

Competențe 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 roșu și galben (conform clasificării UEFISCDI), capacitatea de a realiza colaborări multidisciplinare la nivel național și internațional (a se vedea anexele).

- Evaluator ARACIS, Comisia (C12) Științe medicale, domeniul Sănătate–registru național
- conducătorul Filialei locale EUROTOX și membru în colegiul conducător al 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
- abilități utilizator experimentat, inclusiv curs Microsoft Project Advanced 2011

Competențe digitale

INFORMAȚII SUPLIMENTARE

- **Coordonator principal / Centrul de evaluări farmaco-toxicologice – Facultatea de Farmacie, Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara**
- **Redactor șef al revistei: Journal of Experimental Pharmacology and Toxicology - JEPT**
- **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 50 de premii acordate de către UEFISCDI în cadrul competiției Premiile 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 excelență, 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 (premiile ale studenților coordonați)**
- **Premiul I pentru merite deosebite în activitatea didactică în cadrul Facultății de Farmacie a Universității de Medicină și Farmacie “Victor Babeș” Timișoara (2015)**

ANEXA I. ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ

I.1 PROIECTE DE CERCETARE

Nr crt	Titlul proiectului	Poziția	Perioada
1.	350965/ (DOCTOMED) Consolidarea educației doctorale și postdoctorale în domeniile medical, medico-dentar și farmaceutic prin formare avansată, cercetare și inovare, în cadrul unui parteneriat academic-clinic, 2025-2029	Manager	2025-2029
2.	„Stagii pentru studenți pregătiți pentru provocările de maine”, cod SMIS 317682 , cod APEL: PEO/71/PEO_P7/OP4/ESO4.5/PEO_A49, 2024-2026.	Coordonator științific	2024-2026
3.	”Educație STEAM pentru Viitor: Dezvoltarea Alfabetizării Științifice în Științele Vieții (STEAM4Life)”, PN-IV-SS-SC-2024 , 2025-2026	Membru	2025-2026
4.	PN-IV-P2-2.1-TE-2023-1941 - Nanostructuri inteligente țintite încărcate cu principii active antitumorale de tip triterpenic, utilizate în terapia hipertermiei magnetice	Membru	2025 -2027
5.	„Modernizarea condițiilor de învățare, dezvoltare a aptitudinilor studenților și asigurarea accesului nediscriminatoriu la educația de calitate în cadrul UMFVBT” cod SMIS 321935, Programul Regional Vest 2021–2027	Membru	Dec 2024 – Noiembrie 2026
6.	ERASMUS 2023-1-RO01-KA220-HED-000164767 "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
7.	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
8.	CNFIS-FDI-2023-F-0448 – Augmentarea multifuncționalității bazei de practică în domeniul produselor vegetale medicinale prin inovare interdisciplinară cu transpunere în sfera digitală	Manager inovare	Apr 2023 – Decembrie 2023
9.	CNFIS-FDI-2023-F-0450 – Dezvoltarea continuă a acțiunilor antreprenoriale studentesti prin si pentru studenți în cadrul UMFVBT	Manager inovare	Apr 2023 – Decembrie 2023
10.	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
11.	CNFIS-FDI-2022-0474 - Consolidarea și dezvoltarea activităților antreprenoriale studentesti prin studenți și doctoranzi în cadrul UMFVBT	Membru	Apr 2022 – Decembrie 2022
12.	CNFIS-FDI-2021-0498 Titlu: 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
13.	PN-III-P1-1.1-TE-2019-2134 , acronym BAPRONIO Titlu: Redarea către piața dermocosmetica a unei formulări topice moderne cu acid betulinic încorporat în proniozomi / Delivery to the dermocosmetic market of a modern topical formulation with betulinic acid encapsulated in proniosomes	Membru	2020 - 2022
14.	1EXP/1233/30.01.2020 Titlu: 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
15.	PN-III-P1-1.1-TE2019-0130 Hidrogeluri inovatoare pe bază de micelle 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
16.	PN-III-P2-2.1-PED2019-3067 Nanobiostructuri inovatoare bazate pe nanoparticule feromagnetice conjugate cu ciclodextrine pentru creșterea eficacității și reducerea toxicității în terapia cancerului prin hipertermie SP-magnetică / 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
17.	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
18.	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
19.	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" – project director"	Manager	Mai 2019 – Decembrie 2019
20.	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
21.	CNFIS – FDI – 2018 – 0459 "Acțiuni amplificate de susținere și promovare eficientă a dimensiunii internaționale a educației medicale din Universitatea de Medicină și Farmacie Victor Babes din	Membru	Mai 2018 – Decembrie 2018

	Timisoara"		
22.	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 antimelanoma mechanism of action of betulinic acid"	Mentor	2017-2019
23.	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
24.	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)	Manager științific	2016-2019
25.	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
26.	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
27.	PN-II-PT-PCCA , No110/2014 "Recuperarea avansată a produselor utile din deșeurile de catalizatori uzați" (Advanced recovery of useful products from used catalysers waste) (REMACAT)	Membru	2014-2017
28.	UEFISCDI Bilateral project Romania – France no. 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)	Membru	2014-2016
29.	UEFISCDI Bilateral project Romania-France RO-FR 789/30.06.2014 "Nanestructuri 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)	Membru	2014-2016
30.	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)	Manager	2014-2016
31.	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
32.	UEFISCDI, bilateral projects Romania-Hungary CT-674/22.04.2013 "Evaluarea unor formulări farmaceutice moderne obținute prin complexarea unor triterpene pentaciclice cu derivați polizaharidici funcționalizați" (Evaluation of some modern pharmaceutical formulations obtained by complexation of some pentacyclic triterpenes with polysaccharides functionalised derivatives)	Membru	2013-2014
33.	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
34.	International Project Romania-China 198/2009 „Antioxidant activity of Chinese materia medica and its chemical composition"	Manager	2009-2010
35.	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
36.	Project CNCSIS IDEI 2284 „Diagnosticarea cancerului și monitorizarea terapeutică prin tehnici Raman ultrasensibile" (Cancer diagnosis and therapeutical monitoring by ultrasensitive Raman spectroscopic techniques)	Membru	2008-2011
37.	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)	Manager	2007-2010
38.	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)	Manager	2007-2010
39.	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)	Manager	2007-2008
40.	Project CEEX cod 30/2006 „Evaluarea conținutului de metale grele din sol cu ajutorul plantelor bioindicator și valorificarea acestora în scopuri terapeutice" (The evaluation of soil heavy metals content using bioindicators plants and their therapeutic added value)	Membru	2006-2008
41.	Proiect CEEX 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)	Membru	2006-2008
42.	Project CEEX 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)	Membru	2005-2007
43.	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 – 13, Elsevier (4 capitole – 2024, 2019, 2018), Springer Nature (1 capitol - 2020); InTech (6 capitole – 2018, 2017, 2015), Studium press LLC, Houston, USA (2 capitole – 2014)

I.2.2 PUBLICAȚII ISI (WoS) – 362 ARTICOLE ISI FULL TEXT, 6 PROCEEDINGS PAPER, 85 MEETING ABSTRACT, 2 BOOK CHAPTER, 1 EDITORIAL MATERIAL

I.2.3 PREMII PENTRU ACTIVITATEA DE CERCETARE – peste 50

I.2.4 INDICE HIRSH – 41, TOTAL CITĂRI – 5864 (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 2012-2025), peste 25 – lucrări de disertație în cadrul programelor de master *Medicamente de tip OTC, suplimente alimentare, cosmetice, Formularea și evaluarea produsului dermatocosmetic și Cosmetologie și dermofarmacie*

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 studenți, an universitar 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 educațional admitere/ licență/ rezidențiat/ comisii de evaluare instituțională ale UMFVBT

ANEXA III. LISTA PUBLICAȚII

III.1 SELECȚIE ARTICOLE ISI

1. Predescu IA, Boru C, Smeu A, Coricovac ED, Hoinoiu B, Tanase A, **Dehelean CA**. CURCUMIN ENHANCES CISPLATIN-INDUCED CYTOTOXICITY IN PANC-1 AND MIA PACA-2 PANCREATIC CANCER CELLS. *Farmacia*, 74(1):78-92. DOI10.31925/farmacia.2026.1.8 IF 1.3
2. **Dehelean, CA**; Liga, S; Poiana, MA; Cocan, I; Coricovac, D; Cseh, L; Suba, M; Alexa, E. Natural SilibininLinoleate: A Protective Antioxidant in Edible Vegetable Oils. *FOODS*, 2025, 14(19), Article Number 3430, DOI10.3390/foods14193430. IF 5.1
3. Watz, CG; Mihali, CV; Oprean, C; Maldea, LK; Tatu, CA; Nicolov, M; Sirbu, IO; **Dehelean, CA**; Socoliuc, V; Moaca, EA. Fe₃O₄@β-cyclodextrin Nanosystem: A Promising Adjuvant Approach in Cancer Treatment. *NANOMATERIALS*, 2025, 15(15), Article Number 1192, DOI10.3390/nano15151192. IF 4.3

4. **Dehelean, CA**; Boru, C; Macasoï, IG; Dumitrel, SI; Trandafirescu, C; Ersilia, A. Obtaining and Characterization of Nutraceuticals Based on Linoleic Acid Derivatives Obtained by Green Synthesis and Their Valorization in the Food Industry. *NUTRIENTS*, 2025, 17(15), Article Number 2416, DOI10.3390/nu17152416. **IF 5**
5. Fucile, M; Macasoï, IG; Negrea, M; Obistioiu, D; Marrelli, M; Alexa, E; **Dehelean, C**; Statti, G; Conforti, F; Pinzaru, I. Pharmacotoxicological Effects of *Cachrys libanotis* Extract: Antioxidant, Antimicrobial, and Cytotoxic Activities in Human Cell Lines and Embryonic Models. *ANTIOXIDANTS*, 2025, 14(7), Article Number 810, DOI10.3390/antiox14070810. **IF 6.6**
6. Smeu, A; Minda, D; Boru, C; Vlaia, L; Vlaia, V; **Dehelean, CA**; Liga, S; Puenea, G; Muntean, DL. Betulinic Acid-Loaded Oleogel as a Novel Pharmaceutical Formulation for Potential Cutaneous Applications: Development, Characterization, and Biosafety Profile. *LIFE-BASEL*, 2025, 15(6), Article Number 954, DOI10.3390/life15060954. **IF 3.4**
7. Cristea, AM; Smeu, A; Cimpeanu, IA; Iftode, A; Liga, S; Tchiakpe-Antal, DS; Vlad, D; **Dehelean, CA**; Iliescu, D. Biological Effects of Rosaceae Species in Skin Disorders-An Up-To-Date Overview. *PLANTS-BASEL*, 2025, 14(11), Article Number 1605, DOI10.3390/plants14111605. **IF 4.1**
8. Jijie, AR; Iliescu, D; Sbarcea, L; Boru, C; Patrascu, D; Iftode, OA; Minda, ID; Avram, S; Trandafirescu, CM; **Dehelean, CA**; Moaca, EA. A Deep Dive into the Botanical and Medicinal Heritage of *Taxus*. *PLANTS-BASEL*, 2025, 14(10), Article Number 1439, DOI10.3390/plants14101439. **IF 4.1**
9. Ali, DH; Daraban, AM; Ungureanu, D; Cata, A; Ienascu, IMC; Dinu, S; **Dehelean, CA**; Danciu, C. An Up-to-Date Review Regarding the Biological Activity of *Geranium robertianum* L. *PLANTS-BASEL*, 2025, 14(6), Article Number 918, DOI10.3390/plants14060918. **IF 4.1**
10. 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. *JOURNAL OF CLINICAL MEDICINE*, 2025, 14(6), Article Number 1886, DOI10.3390/jcm14061886. **IF 2.9**
11. Marcovici I, Chioibas R, Zupko I, Pinzaru I, Moaca A, Ledeti A, Barbu-Tudoran L, Geamantan A, Predescu I, **Dehelean CA**. Preclinical pharmacotoxicological 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**
12. Predescu IA, Jijie AR, Pătrașcu D, Pasc AL, Piroș 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**
13. Smeu A, Marcovici I, **Dehelean CA**, Dumitrel S-I, Borza C, Lighezan R. Flavonoid 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**
14. 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. **IF 4.7**
15. 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**
16. 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**
17. 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**
18. 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**
19. 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**
20. Moise G, Jijie 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**
21. 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**
22. Grosu Dumitrescu C, Jijie 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**
23. 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**
24. 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**
25. Magyari-Pavel IZ, Moacă EA, Avram Ș, Diaconeasa Z, Haidu D, Ștefănuț MN, Rostas AM, Muntean D, Bora L, Bădescu 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**
26. 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**
27. 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**
28. 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**
29. Sarău OS, Moacă E-A, Semenescu A-D, Dumitru R, Jijie A-R, Poenaru M, **Dehelean C-A**, Chevereșan 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**

30. Boța M, Vlaia L, Jijie 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**
31. Khaled Z, Ilia G, Watz C, Macasoï 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**
32. 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**
33. 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**
34. Lombrea A, Watz CG, Bora L, **Dehelean CA**, Diaconeasa Z, Dinu S, Turks M, Luginina J, Peipiș Ū, 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**
35. 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**
36. 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**
37. 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**
38. 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 Nanobiocjugates. *PHARMACEUTICS*, APR 2023, 15(4), DOI: 10.3390/pharmaceutics15041145, Article Number 1145. **IF 5.4**
39. 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**
40. Moaca, EA; Watz, C; Faur, AC; Lazar, D; Socoliuc, V; Pacurariu, C; Ianos, R; Rus, CI; Minda, D; Barbu-Tudoran, L; **Dehelean, CA**. Biological Impact of Green Synthesized 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**
41. **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**
42. 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**
43. Pancu DF, Racea RC, Macasoï 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**
44. Anton A, Moacă EA, Sarau CA, Dinu S, Semenescu AD, Macasoï IG, **Dehelean CA**. Antioxidant and in vitro cytotoxic activity of commercial lemongrass, sea buckthorn and basil essential oils, against colorectal cancer cell line HCT 116. *Farmacia*.70,4:683-689. **IF 1.55**
45. Cozma GV, Apostu A, Macasoï 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**
46. 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**
47. 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**
48. Dumache R, Enache A, Macasoï 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**
49. Marcovici I, Coricovac D, Pinzaru I, Macasoï 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**
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 (Kaunas)*. 2022 Feb 10;58(2):261. doi: 10.3390/medicina58020261. PMID: 35208584; PMCID: PMC8875987. **IF 2.948**
51. Kis AM, Macasoï 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**
52. 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 rhamnoides 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**

53. Bociort F, Macasoı 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/currenocol28060425. PMID: 34940064; PMCID: PMC8700590. **IF 3.109**
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III.2 ISI PROCEEDINGS – WEB OF SCIENCE

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III.3 PRINCIPALELE BREVETE ȘI PROPUNERI DE BREVET

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III.4 CAPITOLE DE CARTE

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