

## INFORMAȚII 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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EXPERIENȚA  
PROFESIONALĂ

2014 – PREZENT

Profesor universitar, Șef 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 *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

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](http://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](http://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

## EDUCAȚIE ȘI FORMARE

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- 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 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

## 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  
Cadru 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
2. Membru al Senatului UMF "Victor Babeș" Timișoara
3. Membru al Consiliului de Administrație al UMF "Victor Babeș" Timișoara
4. Decan Facultatea de Farmacie
5. Membru mai multe mandate în Consiliul Facultății de Farmacie și Consiliul Departamentului II
6. Coordonator al programului de studii masterale Cosmetologie și dermofarmacie (2022-prezent)
7. Coordonator disciplina de Toxicologie (2004-prezent)
8. Membru CNATDCU si Vicepreședinte
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 Pharmaceuticals, 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 proiect 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 biodisponibilității unor flavonoide cu potențial chemopreventiv pentru melanomul malign (New pharmaceutical options for some Flavonoids bioavailability modulation with chemopreventiv potential in malignant melanoma)
9. 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)
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 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)
13. 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)
14. 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)
15. 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 la Societății de Științe Farmaceutice locale
- membru al primei Comisii de Asigurare a Calității la nivelul UMFVBT

## Competențe digitale

- competențe în evaluarea de proiecte naționale și internaționale, recenzor la reviste de specialitate iar raportat la brevetele aplicate responsabilitate în proprietate intelectuală.
- 2008 – Evaluator CNCISIS, Domeniul Toxicologie
- abilități utilizator experimentat, inclusiv curs Microsoft Project Advanced 2011

## INFORMAȚII SUPLIMENTARE

## Premii

- 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
- Perioada 2012-2024 – peste 50 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 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 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 proiectului	Poziția	Perioada
1.	<b>ERASMUS 2023-1-RO01-KA220-HED-000164767</b> 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
2.	<b>ERASMUS 2022-1-RO01-KA220-HED-000088958</b> - Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in Pharmaceuticals, Agriculture and Nutrition	<b>Manager</b>	Sep 2022 – Aug 2024
3.	<b>CNFIS-FDI-2022-0484</b> - Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale UMF „Victor Babes” din Timisoara	<b>Manager</b>	Apr 2022 – Decembrie 2022
4.	<b>CNFIS-FDI-2023-F-0448</b> – Augmentarea multifuncționalității bazei de practică în domeniul produselor vegetale medicinale prin inovare interdisciplinară cu transpunere în sfera digitală	Manager inovare	Apr 2023 – Decembrie 2023
5.	<b>CNFIS-FDI-2023-F-0450</b> – Dezvoltarea continuă a acțiunilor antreprenoriale studentesti prin și pentru studenți în cadrul UMFVBT	Manager inovare	Apr 2023 – Decembrie 2023
6.	<b>CNFIS-FDI-2022-0474</b> - Consolidarea și dezvoltarea activităților antreprenoriale studențești prin studenți și doctoranzi în cadrul UMFVBT	Membru	Apr 2022 – Decembrie 2022
7.	<b>CNFIS-FDI-2021-0498</b> - 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	<b>Manager</b>	Mai 2021 – Decembrie 2021
8.	<b>PN-III-P1-1.1-TE-2019-2134</b> , acronym BAPRONIO - 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
9.	<b>1EXP/1233/30.01.2020</b> - 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
10.	<b>PN-III-P1-1.1-TE2019-0130</b> Hidrogeluri inovatoare pe bază de micelă 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
11.	<b>PN-III-P2-2.1-PED2019-3067</b> Nanobiocstructuri inovatoare bazate pe nanoparticule ferimagnetice conjugate cu ciclodextrine pentru creșterea eficacității și reducerea toxicității în terapia cancerului prin hipertermie SP-magnetică / Innovative nanobiocstructures based on ferromagnetic nanoparticles conjugated with cyclodextrins to increase efficacy and reduce toxicity in cancer therapy by SP-magnetic hyperthermia	Membru	2020- 2023
12.	<b>PN-III-P1-1.1- PD-2019-1231</b> 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
13.	<b>ERASMUS project 2019-1-RO01-KA203-063499</b> - Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes	<b>Manager proiect partener</b>	2019 - 2021
14.	<b>CNFIS-FDI-2019-0393</b> „Centru de dezvoltare profesională în domeniul produselor dermocosmetice pe bază de plante medicinale / Center for professional development in the field of dermocosmetic products based on medicinal plants”	<b>Manager</b>	Mai 2019 – Decembrie 2019
15.	<b>CNFIS – FDI – 2018 – 0159</b> „Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale / Center for the development of practical skills in the field of medicinal plants”	<b>Manager</b>	Mai 2018 – Decembrie 2018
16.	<b>CNFIS – FDI – 2018 – 0459</b> Acțiuni amplificate de susținere și promovare eficiența a dimensiunii internaționale a educației medicale din Universitatea de Medicina și Farmacie Victor Babes din Timisoara	Membru	Mai 2018 – Decembrie 2018
17.	<b>PN-III-P1-1.1-PD-2016-1982</b> – 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
18.	<b>PN-III-P4-ID-PCE-2016-0765</b> “Materiale avansate pe bază de nanoparticule magnetice de oxizi de fier obținute prin combustie și citotoxicitatea acestora utilizată în terapia cancerului”	Membru	2017-2019
19.	<b>Axa 1 a POC – ANCS/ POC-A1- A1.1.4 – E-2015</b> “Utilizarea modelelor nutrigenomice pentru personalizarea tratamentelor dietetice în obezitate” (The use of nutrigenomic models for personalization of dietetic treatments in obesity) (NUTRIGEN)	<b>Manager științific</b>	2016-2019
20.	<b>PN-III-P2-2.1-BG-2016-0354</b> , 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
21.	<b>PN-III-P2-2.1-BG-2016- 0455</b> , 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
22.	<b>PN-II-PT-PCCA</b> , 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

23.	<b>UEFISCDI Bilateral project Romania – France no. 791/30.06.2014</b> "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
24.	<b>UEFISCDI Bilateral project Romania-France RO-FR 789/30.06.2014</b> "Nanostructuri cu aurone, chalcone și extracte vegetale standardizate: dezvoltarea unui nou prototip de agent chemopreventiv și antiinflamator" (Nanostructures with aurones, chalcones and standardized vegetal extracts: development of a new prototype of chemopreventiv and anticancer agent)	Membru	2014-2016
25.	<b>P III-C1-PCFI-2014/2015-03</b> "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)	<b>Manager</b>	2014-2016
26.	<b>UEFISCDI, bilateral project Romania-Hungary CT-665/22.04.2013</b> "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)	<b>Manager</b>	2013-2014
27.	<b>UEFISCDI, bilateral projects Romania-Hungary CT-674/22.04.2013</b> "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
28.	<b>SEE-ERA.NET PLUS Joint project 139/01 reference number: ERA 139/01</b> "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
29.	<b>International Project Romania-China 198/2009</b> „Antioxidant activity of Chinese materia medica and its chemical composition”	<b>Manager</b>	2009-2010
30.	<b>TĂMOP-4.2.2-08/1-2008-0001</b> "International photobiological interdisciplinary research of the interactions of environmental and genomic factors, and processing new diagnostic and therapeutic methods"	<b>Manager partener român</b>	2009-2011
31.	<b>Project CNCSIS IDEI 2284</b> „Diagnosticarea cancerului și monitorizarea terapeutică prin tehnici Raman ultrasensibile" (Cancer diagnosis and therapeutical monitoring by ultrasensitive Raman spectroscopic techniques)	Membru	2008-2011
32.	<b>Grant PN II 1257/2007</b> „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)	<b>Manager</b>	2007-2010
33.	<b>Grant INOVARE 69/2007</b> „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)	<b>Manager</b>	2007-2010
34.	<b>Grant CNCSIS AT 173/2007</b> „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)	<b>Manager</b>	2007-2008
35.	<b>Project CEEX cod 30/2006</b> „Evaluarea conținutului de metale grele din sol cu ajutorul plantelor bioindicatori și valorificarea acestora în scopuri terapeutice" (The evaluation of soil heavy metals content using bioindicators plants and their therapeutic added value)	Membru	2006-2008
36.	<b>Project CEEX ET 35/2006</b> „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
37.	<b>Project CEEX 10/ 2005</b> „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
38.	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) – 295 ARTICOLE ISI FULL TEXT, 6 PROCEEDINGS PAPER, 66 MEETING ABSTRACT, 2 BOOK CHAPTER, 1 EDITORIAL MATERIAL**

**I.2.3 PREMII PENTRU ACTIVITATEA DE CERCETARE – peste 50**

**I.2.4 INDICE HIRSH – 34, TOTAL CITĂRI – 3547 (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, suplimente 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 studenți

**II.4 Coordonator program master** – Cosmetologie și dermofarmacie

**II.5 Coordonare cercuri științifice studențești** – Evaluarea farmacotoxicologică a unor produse vegetale cu acțiune terapeutică (2017 – [www.umft.ro](http://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

- 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**
- 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**
- 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**
- 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**
- 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**
- 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 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, DOI:10.3390/pharmaceutics15010002. **IF 5.4**
- 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**



8. 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**
9. 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**
10. Anton A, Moacă EA, Sarau CA, Dinu S, Semenescu AD, Macașoi 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**
11. 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**
12. 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**
13. Caizer C, Caizer IS, Racoviceanu R, Watz CG, Mioc M, **Dehelean CA**, Bratu T, Soica C. Fe<sub>3</sub>O<sub>4</sub>-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**
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15. 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**
16. 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**
17. 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**
18. 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**
19. Bociort F, Macasoï 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. doi: 10.3390/curroncol28060425. PMID: 34940064; PMCID: PMC8700590. **IF 3.109**
20. 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**
21. 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. PMID: 34359553; PMCID: PMC8344976. **IF 6.575**
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23. 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 Pharmacotoxicological Evaluation. *Molecules*. 2021 Jul 9;26(14):4174. doi: 10.3390/molecules26144174. PMID: 34299450; PMCID: PMC8305438. **IF 4.927**
24. Moacă EA, Watz CG, Socoliuc V, Racoviceanu R, Păcurariu C, Ianoș 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**
25. Marinescu AR, Lazureanu 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**
26. Pilut CN, Manea A, Macasoï 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**
27. Dinu S, Craciunescu EL, Macasoï 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**
28. 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**
29. 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. **IF 4.658**
30. 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. **IF 4.472**

31. Blidisel A, Marcovici I, Coricovac D, Hut F, **Dehelean CA**, Crețu OM. Experimental Models of Hepatocellular Carcinoma-A Preclinical Perspective. *Cancers (Basel)*. 2021 Jul 21;13(15):3651. doi: 10.3390/cancers13153651. **IF 6.575**
32. Hut E-F, Radulescu M, Pilut N, Macasoi I, Berceanu D, Coricovac D, Pinzaru I, Crețu 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**
33. Pop D, Buzatu R, Moacă E-A, Watz CG, Cîntă Pinzaru S, Barbu Tudoran L, Nekvapil F, Avram Ș, **Dehelean CA**, Crețu MO, Nicolov M, Szuhaneck C, Jivănescu A. Development and Characterization of Fe<sub>3</sub>O<sub>4</sub>@Carbon Nanoparticles and Their Biological Screening Related to Oral Administration. *Materials*. 2021; 14(13):3556. <https://doi.org/10.3390/ma14133556>. **IF 3.748**
34. 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**
35. 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**
36. Moacă E-A, Watz C-G, Socoliuc V, Racoviceanu R, Păcurariu C, Ianoș R, Cîntă-Pinzaru S, Tudoran LB, Nekvapil F, Iurciuc S, Soica C, **Dehelean C-A**. 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*. 2021; 11(5):1189. <https://doi.org/10.3390/nano11051189>. **IF 5.719**
37. 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**
38. 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**
39. 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 Pharmacotoxicological 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**
40. Lombrea A, Scurtu AD, Avram S, Pavel IZ, Turks M, Lugănița J, Peipiș 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**
41. Sipos S, Moacă E-A, Pavel IZ, Avram Ș, Crețu OM, Coricovac D, Racoviceanu R-M, Ghiulai R, Pană RD, Soica CM, Borcan F, **Dehelean CA**, Crănițeanu 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**
42. 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 Pharmacotoxicological Screening. *Antibiotics*. 2021; 10(4):401. <https://doi.org/10.3390/antibiotics10040401>. **IF 5.222**
43. Iftode A, Drăghici GA, Macașoi I, Marcovici I, Coricovac DE, Dragoi R, Tischer A, Kovatsi L, Tsatsakis AM, Crețu 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**
44. 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**
45. 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**
46. **Dehelean CA**, Marcovici I, Soica C, Mioc M, Coricovac D, Iurciuc S, Crețu 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**
47. Soica 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**
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54. Alexa VT, Szuhaneck C, Cozma A, Galuscan A, Borcan F, Obistoiu 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**

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