

## PERSONAL INFORMATION

**Cristina Adriana DEHELEAN**

📍 "Victor Babes" University of Medicine and Pharmacy, Faculty of Pharmacy, Eftimie Murgu Square, no. 2, 300041, Timisoara (Romania)  
☎ work phone: 0256-204250, int. 1422  
✉ cadehelean@umft.ro

## WORK EXPERIENCE

- 2014 – PRESENT **Professor, Head of Toxicology, Drug Industry, Management and Legislation University Clinic**  
"Victor Babes" University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Toxicology and Drug Industry Department  
Main activities and responsibilities: teaching courses of Toxicology, Scientific Research Methodology, Toxic plants, Pharmacovigilance; Post-graduate courses, coordinator and lecturer within the masterate program *Cosmetology and Dermopharmacy*; coordination of students within scientific circles, workshops; training of students for participation at national and international scientific events; Coordinator of doctoral (PhD) students  
Activity sector: Higher education
- 2020 - PRESENT **Director of the University Doctoral Studies Council (CSUD)**  
"Victor Babes" University of Medicine and Pharmacy Timisoara  
Main activities and responsibilities: coordination and monitoring of the University Doctoral Studies Council  
Activity sector: Higher education
- 2020 **Vicepresident - National Council fo Attestation of University Titles, Diplomas and Certificates (CNATDCU), Pharmacy Committee**  
Gen. Berthelot 28-30, Sector 1, Bucharest RO-010168, Romania, +40 214056206, [www.cnatdcu.ro](http://www.cnatdcu.ro)  
Main activities and responsibilities: Analysis of PhD theses and habilitation certificates  
Activity sector: Higher education
- 2016 – PRESENT **Vicepresident – Advisory Committee of the Ministry of Health - Committee for Clinical Pharmacology, Toxicology and Toxic Dependence**  
Cristian Popișteanu, no. 1-3, sector 1, Bucharest RO-010024, Romania, +40 21 3072 500, [www.ms.ro](http://www.ms.ro)  
Main activities and responsibilities: specialized advisory activities in the field of Pharmacology and Toxicology  
Activity sector: Higher education
- 2012 – 2020 **Dean of the Faculty of Pharmacy**  
"Victor Babes" University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy  
Main activities and responsibilities: coordinative and administrative activities of the Faculty of Pharmacy  
Activity sector: Higher education

- 2009 - 2014 **Associate Professor**  
 "Victor Babes" University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Toxicology Department  
 Main activities and responsibilities: teaching courses of Toxicology, Scientific Research Methodology, Toxic plants, Pharmacovigilance; coordination of students within scientific circles, workshops; training of students for participation at national and international scientific events  
 Activity sector: Higher education
- 2004 - 2009 **Lecturer**  
 "Victor Babes" University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Toxicology Department  
 Main activities and responsibilities: teaching and research activities  
 Activity sector: Higher education
- 2002 - 2004 **Assistant Professor**  
 "Victor Babes" University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Dermatopharmacy and Cosmetology Department  
 Main activities and responsibilities: teaching and research activities  
 Activity sector: Higher education
- 1999 - 2002 **Preparatory Assistant**  
 "Victor Babes" University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Clinical Pharmacy Department  
 Main activities and responsibilities: teaching activity – guidance of practical works, research activity  
 Activity sector: Higher education
- 1996 - 1998 **Pharmacist**  
 Argefarm, Arad  
 Main activities and responsibilities: pharmacist activity within a community pharmacy  
 Activity sector: Health

## EDUCATION AND TRAINING

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- 2015 **Pharmacy Habilitation, Doctoral (PhD) coordinator, OMEC**  
 4209/10/06.2015  
 "Victor Babes" University of Medicine and Pharmacy Timisoara, Eftimie Murgu square no. 2, 300041, Timisoara, Romania
- 2008 **Primary Pharmacist, Clinical Pharmacy specialty - P1/007069, OMS 1971/2008**  
 Ministry of Health and Family, General Department for Human Resources, Professional Training, Competitions and Exams
- 2004 **PhD in Pharmacy - OMEC 3876/19.05.2004**  
 "Gr. T. Popa" University of Medicine and Pharmacy Iași, Universității street no. 16, Iași, Romania
- 2001 **Specialist Pharmacist, Clinical Pharmacy specialty**  
 Ministry of Health and Family, General Department for Human Resources, Professional Training, Competitions and Exams

1998 - 2001 **Pharmacy resident, Clinical Pharmacy**  
Timisoara County Hospital 1, 156 Liviu Rebreanu Boulevard, Timisoara, RO

1991 - 1996 **License in Pharmacy (Pharmacist)**  
"Victor Babes" University of Medicine and Pharmacy Timisoara, Eftimie Murgu square no. 2, 300041, Timisoara, Romania

**PERSONAL SKILLS**

**NATIVE LANGUAGE** ROMANIAN

**Foreign languages**

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| english | C2            | C2      | C2                 | C2                | C2      |
| french  | C2            | C2      | C1                 | C1                | C2      |

Levels: A1 și A2: Basic user - B1 și B2: Independent user - C1 și C2: Proficient user  
Common European Framework of Reference for Languages

**Communication skills** Excellent communication skills acquired during the teaching activities supported in various undergraduate, short-term, postgraduate study programs; participation in various national and international conferences; participation in research projects with foreign partners; lectures at various events.

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

**Organisational/Managerial skills**

Team coordinator skills, organizational spirit, ability to concentrate and plan, implement, coordinate, complete objectives or performance indicators proposed depending on the field and activity, ability to make decisions quickly and efficiently, responsibility and involvement in the activities conducted; ability to work under pressure, time management, conflict resolution, self-motivation and motivation of colleagues, teamwork, creativity, dynamism, discipline, perseverance, analytical thinking, ability to build relationships, efficiency, adaptability, openness, empathy.

**University Management**

1. CSUD Director
2. Member of the UMF "Victor Babes" Timisoara Senate
3. Member of the UMF "Victor Babes" Timisoara Administration Council
4. Dean of the Faculty of Pharmacy
5. Member with multiple mandates within the Council of Faculty of Pharmacy and Council of the 2<sup>nd</sup> Department
6. Coordinator of the Masteral Studies Program – Cosmetology and dermopharmacy (2022-present)
7. Coordinator of the Toxicology Department (2004-present)
8. CNATDCU Member and Vicepresident
9. ARACIS Member

**Project Management**

1. ERASMUS 2022-1-RO01-KA220-HED-000088958 Titlu: Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in

Pharmaceutics, Agriculture and Nutrition

2. CNFIS-FDI-2022-0484 Titlu: Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale UMF „Victor Babes” din Timisoara / Title: Implementation of modern techniques for the continuous development of the practice base in the field of medicinal plant products within UMF “Victor Babes” 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 Universitatii de Medicina si Farmacie “Victor Babes” Timisoara / Development of the practice base in the field of medicinal plants of the "Victor Babes" University of Medicine and Pharmacy Timisoara” – proiect director
5. 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” – proiect director
6. 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 ” – proiect director
7. Competitiveness Operational Programme 2014-2020; priority axis 1 / Axa 1 a POC – ANCS/ POC-A1- A1.1.4 – E-2015 “Utilizarea modelelor nutrigenomice pentru personalizarea tratamentelor dietetice in obezitate” (The use of nutrigenomic models for personalization of dietetic treatments in obesity) (NUTRIGEN) – scientific manager
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) – proiect director
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) – proiect director
10. International Project Romania-China 198/2009 „Antioxidant activity of Chinese materia medica and its chemical composition” – proiect director
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” – responsible for partner project
12. Grant PN II 1257/2007 „Studiul implementării 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) – proiect director
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) – proiect director
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) – proiect director
15. CNCSIS and UEFISCDI project evaluator

- Job-related skills** Very good knowledge of the legislative framework related to higher education and scientific research. Expert quality in the publication of scientific articles located in the red and yellow areas (according to the UEFISCDI classification), ability to carry out multidisciplinary collaborations at national and international level (see annexes).
- ARACIS evaluator, Commission (C12) Medical Sciences, field Health–national register
  - Coordinator of the local branch EUROTOX and member within the leading college of the local Society of Pharmaceutical Sciences
  - Member within the first UMFVBT Quality Assurance Commission
  - skills in the evaluation of national and international projects, reviewer of specialized journals, and related to patents applied intellectual property liability.
  - 2008 – CNCSIS evaluator, Toxicology domain
- Computer skills**
- Experienced user skills, including Microsoft Project Advanced 2011 course

#### ADDITIONAL INFORMATION

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- Main coordination / Research Center for Pharmaco-Toxicological Evaluations – Faculty of Pharmacy, “Victor Babeș” University of Medicine and Pharmacy Timisoara
  - Invited reviewer: Food and Chemical Toxicology, Journal of AOAC International, Natural Product Research, Molecules
  - Member within the editorial committee: Experimental and Therapeutic Medicine, EC Pharmacology and Toxicology, Research and Clinical Medicine, World Research Journal Of Medicinal & Aromatic Plants
  - Member: SSFR, EUROTOX, AMAPSEEC, SRCC
- Prizes**
- 2012-2021 period – over 50 prizes offered by UEFISCDI within the *Premierea rezultatelor cercetării* competition
  - Gold medal and Excellence Diploma - The international salon of inventiveness pro invent, XIVen Edition, 23-25 March 2016, Cluj-Napoca, Romania
  - Gold medal and Excellence Diploma, Euro-invent, 19-21 May, 2016, Iași, Romania
  - Gold medal 45th International Geneva Salon of Inventions, 29 March – 2 April 2017, Switzerland
  - Bronze medal - International invention-innovation showroom Traian Vuia Timișoara, 25-27 May 2016, Timisoara, Romania
  - Gold medal, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 October 2018, Novi Sad, Serbia
  - Official certificate of international merit for contribution to innovation and excellent international cooperation, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 October 2018, Novi Sad, Serbia
  - Silver medal – In vitro antibacterial activity of some plant essential oils from Cupressaceae family – Euroinvent, European Exhibition of Creativity and Innovation – Xth edition, 17-19 May 2018, Iași, Romania
  - MEDIS 2006, 2012, 2013, Szeged, Hungary 2009 (prizes of the coordinated students)
  - 1<sup>st</sup> prize for special merits in the didactic activity within the Faculty of Medicine of “Victor Babeș” University of Medicine and Pharmacy Timisoara (2015)

#### ANNEXES

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## ANNEX I. SCIENTIFIC RESEARCH ACTIVITY

### I.1 RESEARCH PROJECTS

| No. | Project details                                                                                                                                                                                                                                                                                                                                                                                                                      | Position                        | Period                     |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| 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                                                                                                                                                                      | <b>Innovation Manager</b>       | 2023 - 2025                |
| 2.  | <b>ERASMUS 2022-1-RO01-KA220-HED-000088958</b> Titlu: Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in Pharmaceutics, Agriculture and Nutrition                                                                                                                                                                                                                              | <b>Manager</b>                  | 2022 - 2024                |
| 3.  | <b>CNFIS-FDI-2022-0484</b> Titlu: Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale UMF „Victor Babes” din Timisoara / Title: Implementation of modern techniques for the continuous development of the practice base in the field of medicinal plant products within UMF “Victor Babes” Timisoara                                                         | <b>Manager</b>                  | April 2022 – December 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 / Increasing the multifunctionality of the practice base in the field medicinal plant products through interdisciplinary innovation with transposition in the digital sphere                                                           | Innovation Manager              | April 2023 – December 2023 |
| 5.  | <b>CNFIS-FDI-2023-F-0450</b> – Dezvoltarea continuă a acțiunilor antreprenoriale studentesti prin și pentru studenți în cadrul UMFVBT / The continuous development of student entrepreneurial actions through and for students within the UMFVBT                                                                                                                                                                                     | Innovation Manager              | April 2023 – December 2023 |
| 6.  | <b>CNFIS-FDI-2022-0474</b> Titlu: Consolidarea și dezvoltarea activităților antreprenoriale studențești prin studenți și doctoranzi în cadrul UMFVBT / Title: Consolidation and development of student entrepreneurial activities through students and PhD students within the UMFVBT                                                                                                                                                | Member                          | April 2022 – December 2022 |
| 7.  | <b>CNFIS-FDI-2021-0498</b> Title: 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>                  | May 2021 – December 2021   |
| 8.  | <b>PN-III-P1-1.1-TE-2019-2134</b> , 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                                                                                                                                     | Member                          | 2020 - 2022                |
| 9.  | <b>1EXP/1233/30.01.2020</b> Title: Lupeol as bioactive natural compound in the local treatment of wounds and inflammation from mild to severe pathologies: experimental evaluations and market pre-proposal                                                                                                                                                                                                                          | Member                          | 2020 - 2021                |
| 10. | <b>PN-III-P1-1.1-TE2019-0130</b> 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                                       | Member                          | 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 | Member                          | 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 project partener</b> | 2019 - 2021                |
| 14. | <b>CNFIS-FDI-2019-0393</b> “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”                                                                                                                                                                   | <b>Manager</b>                  | May 2019 – December 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>                  | May 2018 – December 2018   |
| 16. | <b>CNFIS – FDI – 2018 – 0459</b> D2- Internationalization Amplified actions to effectively support and promote the international dimension of medical education from the Victor Babes University of Medicine and Pharmacy in Timisoara                                                                                                                                                                                               | Member                          | May 2018 – December 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”                                                                                                                                                                                                                                       | Member                          | 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>Scientific Manager</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                                                                                                                                                                                                                                                                                     | Member                          | 2016-2018                  |

|     |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |           |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------|
|     | pielii” (Formulations based on betulin and gold nanoparticles to combat skin aging)                                                                                                                                                                                                                                                                                                         |                                 |           |
| 21. | <b>PN-III-P2-2.1-BG-2016- 0455</b> , No 122/2016<br>„Formulări de avangardă pe bază de eugenol nanocapsulat cu adresabilitate în medicina dentară” (Avant-garde formulations based on eugenol nanocapsules addressable in dentistry)                                                                                                                                                        | Member                          | 2016-2018 |
| 22. | <b>PN-II-PT-PCCA</b> , No110/2014<br>“Recuperarea avansată a produselor utile din deșeurile de catalizatori uzați” (Advanced recovery of useful products from used catalysers waste) (REMACAT)                                                                                                                                                                                              | Member                          | 2014-2017 |
| 23. | <b>UEFISCDI Bilateral project Romania – France no. 791/30.06.2014</b><br>“Obținerea micro-cristalelor de triterpene pentaciclice și studiul modificărilor lor” (Obtaining pentacyclic triterpene micro - crystals and pharmaceutical toxicology study of their changes in experimental models)                                                                                              | Member                          | 2014-2016 |
| 24. | <b>UEFISCDI Bilateral project Romania-France RO-FR 789/30.06.2014</b><br>“Nanostructuri cu aurone, chalcone și extracte vegetale standardizate: dezvoltarea unui nou prototip de agent chemopreventiv și antiinflamator” (Nanostructures with aurones, chalcones and standardized vegetal extracts: development of a new prototype of chemopreventiv and anticancer agent)                  | Member                          | 2014-2016 |
| 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 fibroblastilor 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 of some pentacyclic triterpenes with polysaccharides functionalised derivatives) | Member                          | 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”                                                                                                                                      | Member                          | 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 Romanian partner</b> | 2009-2011 |
| 31. | <b>Project CNCISIS IDEI 2284</b> „Diagnosticarea cancerului și monitorizarea terapeutică prin tehnici Raman ultrasensibile” (Cancer diagnosis and therapeutical monitoring by ultrasensitive Raman spectroscopic techniques)                                                                                                                                                                | Member                          | 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 CNCISIS 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 bioindicator și valorificarea acestora în scopuri terapeutice” (The evaluation of soil heavy metals content using bioindicators plants and their therapeutic added value)                                                                                                             | Member                          | 2006-2008 |
| 36. | <b>Proiect 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)                                                                                                                     | Member                          | 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)                                                                                                            | Member                          | 2005-2007 |
| 38. | Leonardo da Vinci, Agreement No. RO-2004-PL 93056-TD Training of „European Phytotherapists for Discovery of New Medications”                                                                                                                                                                                                                                                                | Member                          | 2005      |

## I.2 SCIENTIFIC ACTIVITY IMPACT

**I.2.1 BOOK CHAPTER IN INTERNATIONAL PUBLICATIONS – 12**, Elsevier (4 chapters – 2023, 2019, 2018), InTech (6 chapters – 2018, 2017, 2015), Studium press LLC, Houston, USA (2 chapters – 2014)

**I.2.2 ISI PUBLICATIONS (WOS) – 295** ISI FULL TEXT ARTICLES, 6 PROCEEDINGS PAPER, 66 – MEETING ABSTRACT, 2 BOOK CHAPTERS, 1 EDITORIAL MATERIAL

**I.2.3 AWARDS FOR RESEARCH ACTIVITY – more than 50**

**I.2.4 HIRSH INDEX – 34, TOTAL CITATIONS – 3547 (without self-citations)**

**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 FRAMEWORK OF SCIENTIFIC PUBLICATIONS – WOS



## ANNEX II. TEACHING ACTIVITY

**II.1 License and dissertation papers coordinator:** more than 60 – licence papers (period 2012-2023), more than 20 – dissertation papers in Master Programme *OTC drugs, food supplements and cosmetics* and *Formulation and evaluation of dermatocosmetic product*

**II.2 Books and monographs** – 6 speciality book; actualizarea cursurilor în format ppt anual după ultimele noutăți apărute în domeniu

**II.3 VADA Programme Coordinator** –2017/2018 – 2 students; 2018/2019 – 3 students; 2019/2020 – 5 students, 2020-2021 – 4 students, 2021-2022 – 4 students, 2022-2023 – 4 students

**II.4 Master Programme Coordinator** – Cosmetology and dermopharmacy

**II.5 Coordination of student scientific circles** – Pharmaco-toxicological evaluation of some vegetal products with therapeutic potential (2017 – [www.umft.ro](http://www.umft.ro))

**II.6 Participation in various commissions related to educational process** – admission/licence/ residency/ institutional evaluation

## ANNEX III. LIST OF PUBLICATIONS

### III.1 ISI ARTICLES SELECTION

1. 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**
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**
3. 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 Polyyps. PHARMACEUTICALS, JUL 2023, 16(7), DOI: 10.3390/ph16070980, Article Number 980. **IF 4.6**
4. 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**
5. 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**
6. 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**



7. **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 5.179**
13. 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**
14. 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**
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**
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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**
22. Hut EF, Radulescu M, Pilut N, Macasoï 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. *Curr Oncol.* 2021 Jul 4;28(4):2466-2480. doi: 10.3390/curroncol28040225. PMID: 34287268; PMCID: PMC8293052. **IF 3.109**
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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, Ravis 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**
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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**

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31. 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**
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33. Pop D, Buzatu R, Moacă E-A, Watz CG, Cîntă Pinzaru S, Barbu Tudoran L, Nekvapil F, Avram Ș, **Dehelean CA**, Cretu MO, Nicolov M, Szuhanek 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**
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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**
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43. 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**
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47. Șoica 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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57. 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**
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