

## Europass Curriculum Vitae



### CORICOVAC Elena - Dorina

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Romanian

2 April 1985

### Personal information

First name(s) / Surname(s)

Address

E-mail(s)

Nationality

Date of birth

### Work experience

#### Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

#### Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

#### Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

### Education and formation

#### Dates

Title of qualification awarded

Name and type of organization providing education and training

#### Dates

Title of qualification awarded

Name and type of organization providing education and training

#### Dates

#### October 2024 -

##### Professor

Teaching and research activity: Courses at the Faculty of Pharmacy, Pharmacy Assistance, and Medical Cosmetology: Biological medicines, Cosmetovigilance, Dermato-cosmetic Toxicology, Pharmacovigilance concepts, Courses and seminars in Master's programs and Doctoral School; scientific research activity.

Coordination of PhD students

University Clinic of Toxicology, Drug Industry, Management, Legislation and Dermatopharmacy, , Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy from Timișoara (UMFVBT), Eftimie Murgu Square no. 2, Timișoara 300041, Romania.

Higher Education/Health

#### September 2016 – September 2024

##### Associate Professor

Teaching activity and research: Course of Toxicology, Course of Biological Medicines, Course of Toxic Plants, Course of Pharmacovigilance, Course of Bioethics and Deontology, Course of Homeopathic medicines and veterinary drugs, Course of Pharmaceutical and Medical Terminology, seminars of Methodology of Scientific Research, Public Health, and Medical and Pharmaceutical Terminology

"Victor Babeș" University of Medicine and Pharmacy from Timisoara (UMFVBT), Faculty of Pharmacy Department of Toxicology, Drug Industry, Management and Legislation, 2 Eftimie Murgu Sq, 300041 Timisoara, Romania

Higher Education/Health

#### Oct. 2009 – Sept. 2016

**Lecturer (Sept. 2014 – Sept. 2016), Assistant Professor (Febr. 2013 – Sept. 2014), External Collaborator (Oct. 2009 – Febr. 2013)**

Teaching and research

"Victor Babeș" University of Medicine and Pharmacy from Timisoara (UMFVBT), Faculty of Pharmacy, Department of Toxicology and Drug Industry, 2 Eftimie Murgu Sq, 300041 Timisoara, Romania

Higher Education/Health

#### 04-07.02.2025

**Internal Auditor in the field of Integrated Quality-Environment-Occupational Health and Safety Management System in accordance with the requirements of ISO 9001:2015, ISO 14001:2015, EN ISO 45001:2023, and ISO 19011:2018 standards. Certificate series ASMI no. 20227**

ALL CERT SYSTEMS, București, B-dul Pache Protopopescu, nr. 131, et 3, sector 2, România

#### December 2023

**Habilitation in Pharmacy, PhD coordinator, OMEC 6848/21.12.2023**

"Victor Babeș" University of Medicine and Pharmacy Timisoara (UMFVBT), 2 Eftimie Murgu Sq, 300041 Timisoara, Romania

#### 2018-2020

Title of qualification awarded **Master – Phytopharmaceutical biotechnologies**  
 Name and type of organization providing education and training Faculty of Horticulture and Silviculture, USAMVBT "Regele Mihai I al României" din Timișoara, 119 Calea Aradului, 300645, Timișoara  
 ISCED level **ISCED 7**

**Dates**  
 Title of qualification awarded **12.05.2014- 07.12.2015**  
 Name and type of organization providing education and training Postdoc, according to the Postdoc research contract no. 3976/12.05.2014 within the POSDRU project 159/1.5/S/136893, entitled: *Parteneriat strategic pentru creșterea calității cercetării științifice din universitățile medicale prin acordarea de burse doctorale și postdoctorale – DocMed.Net\_2.0*  
 "Victor Babes" University of Medicine and Pharmacy Timișoara (UMFVBT), Faculty of Pharmacy, 2 Eftimie Murgu Sq, 300041 Timișoara, Romania

**Dates**  
 Title of qualification awarded **October 2014 – July 2015**  
 Name and type of organization providing education and training **Master in Pharmacovigilance**  
 "Iuliu Hatieganu" University of Medicine and Pharmacy Cluj – Napoca, 6 Pasteur street, 400349 Cluj-Napoca (Romania)  
 ISCED level **ISCED 7**

**Dates**  
 Title of qualification awarded **October 2013 – July 2014**  
 Name and type of organization providing education and training **Certificate for the graduation of the Level I and II of Psychopedagogy** classes (certificate level I – series X, no. 0025105, certificate level II – series X, no. 0025470)  
 Teacher Training Department, West University of Timișoara, 4 Vasile Pârvan Boulevard, 300223 Timișoara, Romania

**Dates**  
 Title of qualification awarded **November 2009 – April 2013**  
 Name and type of organization providing education and training **PhD Diploma in Medicine, Summa cum Laude**  
 "Victor Babes" University of Medicine and Pharmacy Timișoara (UMFVBT), Faculty of Pharmacy, 2 Eftimie Murgu Sq, 300041 Timișoara, Romania  
 ISCED level **ISCED 8**

**Dates**  
 Title of qualification awarded **October 2004 - November 2009**  
 Name and type of organization providing education and training **ISCED 6 – Pharmacist Diploma**  
 Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timișoara (UMFVBT), 2 Eftimie Murgu Sq, 300041 Timișoara, Romania

## Personal skills and competences

|                    |                        |                        |                        |                        |                        |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Mother tongue(s)   | Romanian               |                        |                        |                        |                        |
| Other language(s)  |                        |                        |                        |                        |                        |
| Self-assessment    | <b>Understanding</b>   |                        | <b>Speaking</b>        |                        | <b>Writing</b>         |
| European level (*) | Listening              | Reading                | Spoken interaction     | Spoken production      |                        |
| <b>English</b>     | C Proficient<br>1 user | C Proficient<br>1 user | C Proficient<br>1 user | C Proficient<br>1 user | C Proficient<br>1 user |
| <b>French</b>      | C Proficient<br>1 user | C Proficient<br>1 user | C Proficient<br>1 user | C Proficient<br>1 user | C Proficient<br>1 user |

(\*) [Common European Framework of Reference \(CEF\) level](#)

**Professional and communication skills and abilities**

- Very good communication skills, seriousness, ability to assimilate new information and practical skills, team spirit, punctuality, synthesis and analysis skills, critical thinking, adaptability, productivity
- Coordination skills, evaluation and improvement mindset, capacity for self-improvement, ability to work in national and international multidisciplinary teams

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**Professional qualification: Pharmacist (since 2009), Doctor in Medicine (since 2013).**

**Interdisciplinary scientific research activity - research areas of interest:**

- Antitumor strategies at the hepatic / cellular level
- Mitochondria as effector and final target in protection in case of post-apoptotic cell damage
- Natural compounds with antitumor action
- Drug repurposing, pharmacovigilance studies
- Metal particles (micro and nano) as a drug-carrier for antitumor compounds
- Mechanisms of action involved in cellular apoptosis
- Animal models of skin cancer (melanoma) and breast cancer.

**Teaching professional experience: Lecturer at the Master's Degree** within the Faculty of Pharmacy of UMFVBT: OTC medicines, food supplements, cosmetics (since 2016 - 2022); Cosmetology and dermopharmacy (2024 -), Pharmacovigilance and clinical trial monitoring (2024-), within the Faculty of Medicine – UMFVBT: Toxicology and Addiction Medicine, and within the Dental Medicine Faculty – UMFVBT: Legal Liability of Healthcare Professionals

**Participation to national and international events - oral and poster presentations**

**Administrative  
competences**      **skills**      **and**

**Coordination and participation in research project teams: project manager (5 - 3 national projects, 1 - UMFVBT internal grant, 1 - UMFVBT grant manager), member in international projects (3), member in national projects (12)**

**Scientific responsible – FITOSCIENCE platform**

**Coordination of student activities – coordinator of bachelor's theses (students in the Pharmacy RO, Pharmacy FR, and Pharmacy Assistance Lugoj - ASF programs), coordinator of dissertation theses and scientific works presented by students at national and international scientific events.**

**Organization of national / international scientific events and acting as scientific evaluator:** "1st International Summer School of Medicinal Plant Pharmacology-Toxicology, 2-13 July 2018 Timișoara, 2nd International Summer School for development of Fitoscience platform, 31 July – 4 August, 2021, Timișoara, Romania and 7 workshops.

**Master's Program Coordinator, Faculty of Pharmacy: Toxicology of Drugs and Plants with Psychotropic Effects (2025 - present)**

**Activities specific to the academic environment:**

- Member of the **Faculty of Pharmacy Board** (2016-2020)
- Member of the **Second Department of the Faculty of Pharmacy Board** (2021 -2022)
- Member of the **Ethics Committee of UMFVBT** (2016 - 2022)
- Member of the **Department for Evaluation and Assurance of Educational Quality (DEACE) Commission of the UMFVBT** (secretary - 2016-2020; member – 2021-2022)
- Member of the **Scientific Committee within the UMFVBT Scientific Vice-chancellorship** (2020 -2022, oct 2025 - present)
- Member of the **Integrated Quality Management Department within the UMFVBT** (26.09.2024 - present)
- President of the **Ethics Committee of the Faculty of Pharmacy** (2018 - 2022)
- President of the **Bioethics Committee of the Faculty of Pharmacy** (2018 -2020)
- President of the **Scientific Research Committee of the Faculty of Pharmacy** (2019 - 2020)
- Member of the **Admission /Bachelor/ Master Assertion Committees the Faculty of Pharmacy** and of the **Committees for the position / promotion in academic positions** (since 2016 – 2022, oct 2024 - present)
- Member of the **Internal Verification and Validation Committee for PhD theses and habilitation theses within the CSUD – "Victor Babeș" University of Medicine and Pharmacy** (30.09.2024 - present)
- Member of the **Council for Doctoral University Studies (CSUD, 2024 - present)**
- Member of the **Evaluation Committee for Expenses within the Council for Doctoral University Studies** (January 2025 - present)

**Technical competences**

**Respirometry studies at mitochondrial level** using high resolution respirometry (OROBOROS Oxygraph-2k Instruments); **isolation of liver mitochondria** from rat and mouse; **isolation of skeletal muscle and brown adipose tissue mitochondria** from mouse; **in vitro** studies using **healthy and tumor cell lines**: cell culture, 3D reconstructed tissues, Flow Cytometry, qRT-PCR, Western Blot,

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immunofluorescence, xCELLigence System RTCA, ELISA; **Development of experimental animal models** of human and murine melanoma, two-stage skin carcinoma and breast cancer; **in vitro toxicological applications**: substance toxicity regulations, toxicological investigations and screening.

#### Additional information

**Member of professional societies: SSFR, EUROTOX**

**International scholarships:** Short Term Scientific Mission, COST Action FA0602 Bioactive food components, mitochondrial function and health-MITOFood, **Department of Physiology, Wenner-Gren Institute, Stockholm, Sweden** – Supervisor Prof. Barbara Cannon: 06/09/2010 – 10/10/2010; **Goethe-University Faculty of Medicine, Department of Biochemistry I, Frankfurt am Main, Germany** - Supervisor Prof. Bernhard Bruene: 01/10/2011 – 31/01/2012 și 01/04/2012 – 31/07/2012; **University of Szeged, Faculty of Medicine, Department of Pharmacology & Pharmacotherapy, Szeged, Hungary** (08.04.-12.04.2013, 03.-07.06.2013, 15.07.-19.07.2013, 22.07.2013- 26.07.2013)  
**National Scholarships:** **PhD scholarship** - POSDRU/1.5/88/S/ID 63117 (2010-2013); **Postdoc scholarship** - POSDRU 159/1.5/S/136893

#### Awards:

- **Best oral presentation award offered by Romanian Society of Physiology (BIOCOM) 2011**
- **Award for “Young Researchers” offered by Ralcom Exhibitions SRL during the 15th National Congress of Pharmacy, held in Iasi, Romania, from 24-27 September 2014**
- **National awards - Award of research results - UEFISCDI for published articles (25)**

**Associate Editor of Journal of Experimental Pharmacology and Toxicology - JEPT**  
**Member of the editorial board of Timișoara Medical Journal - TMJ.**

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## ANNEX I. RESEARCH ACTIVITY

### I.1. Research grants

**National project director:** “Redarea către piața dermocosmetică 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 – **BAPRONIO**”- **PN-III-P1-1.1-TE-2019-2134**, Programul 1 – Dezvoltarea Sistemului Național de Cercetare - Dezvoltare, Subprogramul 1.1. Resurse Umane – “Proiecte de cercetare pentru stimularea tinerelor echipe independente/ Young Researchers Teams”, competition 2019.

**National project director:** “Noi perspective privind mecanismul de acțiune al acidului betulinic ca agent antimelanom/ New insights into the antimelanoma mechanism of action of betulinic acid - MELBA” – **PN-III-P1 1.1-PD-2016-1982** – **Postdoctoral Research projects, competition 2017.**

**National project director:** “Profilul farmacocinetic și farmacodinamic in vitro și in vivo al unor nanoformulări cu compuși triterpenici cu efect antitumoral/ In vitro and in vivo evaluation of pharmacokinetic and pharmacodynamic profile of triterpenic compounds nanoformulations with antitumoral effect - NANOBET” – **PN-II-RU-TE-2014-4-2842**, **project “Tinere Echipe de cercetare/ Young Researchers Teams” competition 2014.**

**UMFVBT internal grant director:** **Competiția de granturi interne pentru tineri cercetători sub 35 de ani – PII-C2-TC-2014-16498-10:** „Evaluarea farmaco-toxicologică a efectelor acidului betulinic formulat ca nanoemulsie asupra procesului de progresie tumorală și metastazare observate la modelul animal de melanom cu xenogrefă umană” – MEL-BET.

**UMFVBT internal grant manager:** **COMPETIȚIA PARTENERIATE ÎN CERCETAREA FUNDAMENTALĂ INOVATIVĂ - PROGRAMUL III-C1-PCFI-2014/2015 – LYMPHANGIOTRANSFER**

**Member of the national project - CNFIS-FDI-2026-F-1237**, with the title “Maximizing the Educational and Research Potential of the Medicinal Plant Practice Base of UMFVBT through the Transition to a Botanical Garden – a Pilot Project for Sustainable Institutional Development”, acronym TRANZ-PLANTMED.

**Member of the national project - CNFIS-FDI-2026-F-1321**, with the title “Development of a cellular signaling mapping unit in oncogenesis through the integration of genomic sequencing – a strategic research infrastructure element within UMFVBT”, acronym ONCOMAP

**Member of the national project - "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

**Member of the national project - "Internships for students prepared for the challenges of tomorrow,"** SMIS code 317682, APEL code: PEO/71/PEO\_P7/OP4/ESO4.5/PEO\_A49, 2024-2026.

**Member of the national project - "Educație STEAM pentru Viitor: Dezvoltarea Alfabetizării Științifice în Științele Vieții (STEAM4Life)",** PN-IV-SS-SC-2024, 2025-2026

**Member of the national grant - CNFIS-FDI-2022-0484**, 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 - „Victor Babeș” University of Medicine and Pharmacy Timisoara

**Member of the national grant - CNFIS-FDI-2021-0498** - Dezvoltarea bazei de practică în domeniul plantelor medicinale a UMF Victor Babeș Timișoara / Development of the practice base in the field of medicinal plants of the "Victor Babes" University of Medicine and Pharmacy Timisoara

**Member of the national grant - PN-III-P2-2.1-PED2019-3067** Nanobiostructuri inovatoare bazate pe nanoparticule ferimagnetice conjugate cu ciclodextrine pentru creșterea eficacității și reducerea toxicității în terapia cancerului prin hipertermie SP-magnetica (2020 - 2023)

**Member of the international grant - ERASMUS project 2019-1-RO01-KA203-063499** - Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes (2019 - 2021)

**Member of the national grant - CNFIS-FDI-2019-0393** "Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale/ Center for development of practical abilities in the field of dermo-cosmetic products based on medicinal plants „Victor Babeș” University of Medicine and Pharmacy Timisoara” - 2019

**Member of the national grant – CNFIS-FDI-2018-0159** "Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale/ Center for development of practical abilities in the field of medicinal plants „Victor Babeș” University of Medicine and Pharmacy Timisoara”

**Member of the UEFISCDI financed national grant - PN-III-P4-IDPCE-2016-0765**, "Materiale avansate pe bază de nanoparticule magnetice de oxizi de fier obținute prin combustie și citotoxicitatea acestora utilizată în terapia cancerului"

**Member of the national grant – PN-III-P2-2.1-BG-2016-0354**, Contract de finanțare 115/2016. "Formulări pe bază de betulină și nanoparticule de aur în combaterea procesului de îmbătrânire a pielii (Formulations based on betulin and gold nanoparticles to combat skin aging)"

**Member of the national grant - PN-III-P2-2.1-BG-2016-0455**, Contract de finanțare 122/2016 - "Formulări de avangardă pe bază de eugenol nanocapsulat cu adresabilitate în medicina dentară (Avant-garde formulations based on eugenol nanocapsules addressable in dentistry)"

**Member of the national grant - PN-II-PT-PCCA-2013-4-0612**, 110/2014 - "Recuperarea avansată a produselor utile din deșeurile de catalizatori uzați"

**Member of the international grant: Hungary-Romania Cross-Border Cooperation Programme 2007-2013**, "Twinning Project for the Joint Development of the Research Infrastructure"- HURO-TWIN, cod 1101/082/2.2.1

**Member of the international grant:** Proiect bilateral România-Ungaria cu departamentul de Dermatologie la Universității din Szeged, titlul: Evaluarea impactului radiațiilor UV și al terapiei antitumorale asupra fibroblaștilor dermici și în cancerul cutanat experimental, cod contract 665/2013 perioada 2013-2014

## I.2. SCIENTIFIC ACTIVITY IMPACT

**I.2.1 BOOK CHAPTER IN INTERNATIONAL PUBLICATIONS** – 6, Elsevier (1 chapter – 2024), Springer Nature (1 chapter - 2020); InTech (4 chapters – 2018, 2017, 2015),

**I.2.2 ISI PUBLICATIONS (WOS)** – 96 ISI FULL TEXT ARTICLES

**I.2.3 AWARDS FOR RESEARCH ACTIVITY** – more than 25

**I.2.4 HIRSH INDEX** – 31 (Web of Science), 32 (Scopus), 35 (Google Scholar)

**I.2.5 Web of Science ResearcherID:** D-2545-2016

**I.2.6 SCOPUS ID:** 56136907700

**I.2.7 BRAINMAP ID:** U-1700-039H-3360

**I.2.8 ORCID ID:** 0000-0002-5760-8872

## I.3. PUBLICATIONS LIST

### I.3.1. Published books:

1. Cristina A. Dehelean, **Dorina Gheorgheosu**, Daniela Ionescu, **Noțiuni de toxicologie generală**, Ed. Victor Babeș Timișoara, 2013 ISBN 978-606-8456-14-0.
2. **Dorina-Elena Coricovac**, Florina Maria Andrica, Sorina Alexandra Ciurlea, Iulia Pînzaru. **Elemente de toxicologie industrială și a mediului**, Ed. Victor Babeș Timișoara, 2014 ISBN 978-606-8456-30-0.
3. **Dorina Coricovac**, Cristina Dehelean, Iulia Pînzaru, Alina Moacă. **Noi aspecte în ceea ce privește utilizarea plantelor toxice**. Editura Victor Babeș, 2018, 200 pagini ISBN 978-606-786-107-5
4. Iulia Pînzaru, **Dorina Coricovac**, Codruța Șoica. **Ghid de bune practici în obținerea principiilor active vegetale**. Editura Victor Babeș, 2018, 150 pagini ISBN 978-606-786-106-8
5. Cristina Dehelean, **Dorina Coricovac**, Iulia Pînzaru. **Mic îndrumător de evaluare experimentală a principiilor active din plante**. Editura Victor Babeș, 2018, 155 pagini, ISBN 978-606-786-105-1
6. Dehelean CA, Pinzaru I, **Coricovac D**. **Siguranta produselor pe baza de plante medicinale / Safety of medicinal plants products** (Abstract Book). Ed "Victor Babes" Timisoara, 2018. ISBN: 978-606-786-155-6
7. Dehelean CA, Pinzaru I, **Coricovac D**. **Produsele dermo-cosmetice ca formulare. Testarea sigurantei produselor cosmetice / Dermo-cosmetic products as formulations. Safety testing of cosmetic products** (Abstract Book). Ed "Victor Babes" Timisoara, 2020. ISBN: 978-606-786-253-9

8. Dehelean CA, Pinzaru I, **Coricovac D. Plantele între natură și sănătate / plants between nature and health** (Abstract Book). Ed "Victor Babes" Timisoara, 2021. ISBN: 978-606-786-253-9

### I.3.2. Chapter books published in international publishing companies:

1. **Coricovac DE**, Dehelean CA. Pathological Aspects with Global Impact Induced by Toxicants at Cellular Level, in: Toxicology Studies – Cells, Drugs and Environment, ed. Ana Cristina Andreazza and Gustavo Scola, Ed. InTech, 2015, ISBN 978-953-51-2140-4, pp. 3-21.
2. Avram S, Ghiulai R, Pavel IZ, Mioc M, Babuta R, Voicu M, **Coricovac D**, Danciu C, Dehelean C and Soica C. Phytocompounds Targeting Cancer Angiogenesis Using the Chorioallantoic Membrane Assay, in : Natural Products and Cancer Drug Discovery, ed. Farid A. Badria, 2017, ISBN 978-953-51-3314-8, pp. 45-66.
3. Soica C, Antal D, Andrica F, Babuta R, Moaca A, Ardelean F, Ghiulai R, Avram S, Danciu C, **Coricovac D**, Dehelean C and Paunescu V. Lupan-Skeleton Pentacyclic Triterpenes with Activity against Skin Cancer: Preclinical Trials Evolution, in: Unique Aspects of Anti-cancer Drug Development, ed. Jolanta Natalia Latosinska and Magdalena Latosinska, ISBN 978-953-51-3348-3, pp. 87-114.
4. Moaca EA, **Coricovac DE (corresponding author)**, Soica CM, Pinzaru I, Pacurariu CS and Dehelean CA. Preclinical Aspects on Magnetic Iron Oxide Nanoparticles and Their Interventions as Anticancer Agents: Enucleation, Apoptosis and Other Mechanism. In: Iron Ores and Iron Oxide Materials, Shatokha V (Ed), IntechOpen, 2018, pp: 229-254. 10.5772/intechopen.74176. ISBN: 978-1-78923-321-6
5. Caizer C, Dehelean D, **Coricovac DE**, Caizer IS, Șoica C. Magnetic Nanoparticle Nanoformulations for Alternative Cancer Therapy by Magnetic/Superparamagnetic Hyperthermia. In: Nanoformulations in Human Health, S. Talegaonkar, M. Rai (eds.), Springer Nature Switzerland AG 2020, [https://doi.org/10.1007/978-3-030-41858-8\\_19](https://doi.org/10.1007/978-3-030-41858-8_19).
6. **Coricovac DE**, Pinzaru IA, Dehelean CA. N-Acetyl-L-cysteine. In: Encyclopedia of Toxicology (Fourth Edition), Philip Wexler (ED), Academic Press 2024, pp: 601-609. ISBN 9780323854344, <https://doi.org/10.1016/B978-0-12-824315-2.01155-6>.

### I.3.3. Full-text published articles:

1. Cristea AM, Macasoi IG, Haj Ali D, Jupâneant RA, **Coricovac DE**, Dehelean CA, Tchiakpe-Antal DS, Dumitrașcu V, Jijie AR, Lăcătuș M, Anton A. *Eriobotrya japonica* (Loquat) Leaf Extract: An Integral In Vitro and In Ovo Approach to Antimelanoma Potential and Safety. Int J Mol Sci. 2026; 27(17):7676. doi: 10.3390/ijms27177676
2. 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
3. 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 Oct 6;14(19):3430. doi: 10.3390/foods14193430. IF =5.1
4. Pârvănescu RD, Păpurică M, Alexa IO, Dehelean CA, Șoica C, Moacă EA, Ledeti A, Voicu M, **Coricovac D**, Trandafirescu C. The Potential of Amphiphilic Cyclodextrins as Carriers for Therapeutic Purposes: A Short Overview. Pharmaceutics. 2025 Aug 21;17(8):1086. doi: 10.3390/pharmaceutics17081086. IF =5.5
5. Iftode C, Iurciuc S, Marcovici I, Macasoi I, **Coricovac D**, Dehelean C, Ursoniu S, Rusu A, Ardelean S. Genistein-Aspirin Combination Exerts Cytotoxic and Anti-Migratory Effects in Human Colorectal Cancer Cells. Life (Basel). 2024 May 9;14(5):606. doi: 10.3390/life14050606. IF =3.2
6. Iftode C, Olariu I, Chioran D, **Coricovac D**, Geamantan A, Borza C, Ursoniu S, Ardelean S. Farmacia 2024; 72(1):28-43. Doi: 10.31925/farmacia.2024.1.3. IF = 1.4
7. Kardaras G, Marcovici I, Rusu D, Dehelean C, **Coricovac D**, Iorio-Siciliano V, Sculean A, Stratul SI. In-Vitro Safety Evaluation of Sodium Hypochlorite (NaOCl) as Part of Step 2 and Maintenance Therapy Protocols in Patients with Periodontitis Stages III-IV. Oral Health Prev Dent. 2023 Mar 15;21(1):103-112. doi: 10.3290/j.ohpd.b4009557. IF = 1.6
8. Ghiulai R, Mioc M, Racoviceanu R, Prodea A, Milan A, **Coricovac D**, Dehelean C, Avram Ș, Zamfir AD, Munteanu CVA, Ivan V, Șoica C. Structural Investigation of Betulinic Acid Plasma Metabolites by Tandem Mass Spectrometry. Molecules. 2022; 27(21):7359. doi: 10.3390/molecules27217359 IF=4.6
9. Dehelean CA, **Coricovac D (# - equal contribution)**, Pinzaru I, Marcovici I, Macasoi IG, Semenescu A, Lazar G, Cinta Pinzaru S, Radulov I, Alexa E, Cretu O. Rutin bioconjugates as potential nutraceutical prodrugs: An in vitro and in ovo toxicological screening. Front Pharmacol. 2022; 13:1000608. doi: 10.3389/fphar.2022.1000608. IF = 5.6

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