

**UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE  
„VICTOR BABEȘ” DIN TIMIȘOARA**

Avizat Rector,  
Prof. Univ. Dr. Octavian Marius CREȚU



**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR  
MINIMALE NECESARE ȘI OBLIGATORII PENTRU  
OBȚINEREA ATESTATULUI DE ABILITARE**

**În cadrul IOSUD - UMFVBT**

**DATE DESPRE CANDIDAT**

**Gradul didactic/de cercetare:** Conferențiar universitar

**Nume:** CORICOVAC

**Prenume:** ELENA-DORINA

**Doctor în științe**

☒ DA      ☐ NU

**Titlul tezei de doctorat:** „ASPECTE PRIVIND MECANISMELE ACȚIUNII  
ANTITUMORALE ALE ACIDULUI BETULINIC/ MECHANISTIC INSIGHTS INTO  
ANTITUMOR EFFECTS OF BETULINIC ACID”

**Ordinul de confirmare:** 3930 MD/20.06.2013

**Domeniul de doctorat:** ☐ Medicină  
☒ Farmacie

## PARTEA I

Date numerice privind îndeplinirea standardelor minime naționale, conform Anexelor nr. 20 și 23 ale Ordinului Ministrului Educației Naționale și Cercetării Științifice nr. 6129/20.12.2016

### 1. Articole publicate în reviste cotate ISI în calitate de autor principal

Criteriul	Standard minim: 10 articole
Număr articole publicate în reviste cotate ISI în calitate de autor principal	23

### 2. Factorul cumulat de impact pentru articolele publicate ca autor principal în reviste cotate ISI (FCIAP)

Criteriul	Standard minim: 10
Factor cumulat de impact autor principal	76.124

### 3. Articole publicate în reviste cotate ISI în calitate de coautor

Criteriul	Standard minim: 5 articole
Număr articole publicate în reviste cotate ISI în calitate de coautor	67

### 4. Indexul Hirsch

(va fi luat în considerare Indexul Hirsch calculat utilizând ISI Web of Science)

Criteriul	Standard minim: 6
Index Hirsch	21

## PARTEA a II-a

### CERTIFICAREA DIPLOMELOR ȘI TITLURILOR MEDICALE ȘI ȘTIINȚIFICE

Nr.	Documentul	Deținere DA / NU		Certificarea Oficiului Juridic al UMFVBT
1.	Diploma de Doctor în Științe Serie I Nr. 0003487			
2.	Deținerea titlului de medic primar la disciplinele care au corespondent în Nomenclatorul de specialități medicale, medico-dentare și farmaceutice al Ministerului Sănătății Ordinul de confirmare _____			

### CONCORDANȚE ȘI CONFORMITĂȚI

Nr.	Concordanțe și conformități	Conform DA / NU		Certificarea Director CSUD
1.	Concordanța între titlurile lucrărilor raportate în tabele și dovezile prezentate			
2.	Conformitatea valorii raportate a FI			

\*

Nr.	Concordanțe și conformități	Conform DA / NU		Certificarea Director Școala Doctorală Medicină-Farmacie
1.	Concordanța între titlurile lucrărilor raportate în tabele și dovezile prezentate			
2.	Conformitatea valorii raportate a FI			

\*

Nr.	Concordanțe și conformități	Conform DA / NU		Certificarea Membru CSUD
1.	Concordanța între titlurile lucrărilor raportate în tabele și dovezile prezentate			
2.	Conformitatea valorii raportate a FI			

\*

Nr.	Concordanțe și conformități	Conform DA / NU		Certificarea Membru CSUD
1.	Concordanța între titlurile lucrărilor raportate în tabele și dovezile prezentate			

2.	Conformitatea valorii raportate a FI			
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Nr.	Standardele științifice - vor fi inserate în Partea a III-a în tabele
1.	<p><b>Condițiile stabilite de Ordinul ministrului educației naționale și cercetării științifice nr. 6129/20.12.2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare conform Anexei 1 pentru Medicină, Medicină Dentară și Farmacie</b></p> <p><b>Pentru Medicină:</b></p> <ul style="list-style-type: none"> <li>- 10 articole ISI în calitate de autor principal.</li> <li>- Factor cumulat de impact autor principal (FCIAP) 10.</li> <li>- 5 articole ISI în calitate de coautor.</li> <li>- Index Hirsch 6.</li> </ul> <p>Note asupra metodei de calcul:</p> <ol style="list-style-type: none"> <li>1. Va fi luat în considerare indexul Hirsch calculat utilizând ISI Web of Science, Core Collection, Thomson Reuters pentru întreaga carieră a candidatului ("all years").</li> <li>2. O revistă cotate ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în "Journal Citation Reports".</li> <li>3. Autorul sau autorii principali ai unei publicații se consideră a fi oricare dintre următorii:             <ol style="list-style-type: none"> <li>a. primul autor</li> <li>b. primul autor corespondent</li> <li>c. ultimul autor.</li> </ol> </li> <li>4. Factorul cumulat de impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP). FCIAP = suma factorilor de impact ale articolelor publicate de autor în calitate de autor principal în reviste cotate ISI.</li> <li>5. În analiză vor fi incluse articolele originale și reviews. În cazul publicațiilor în reviste cu factor de impact mai mare decât 3, pot fi luate în considerare și alte tipuri de publicații în extenso (nu rezumate).</li> </ol> <p><b>Pentru Farmacie:</b></p> <ul style="list-style-type: none"> <li>- 10 articole ISI în calitate de autor principal.</li> <li>- Factor cumulat de impact autor principal (FCIAP) 10.</li> <li>- 5 articole ISI în calitate de coautor.</li> <li>- Index Hirsch 6.</li> </ul> <p>Note asupra metodei de calcul:</p> <ol style="list-style-type: none"> <li>1. Va fi luat în considerare indexul Hirsch calculat utilizând ISI Web of Science, Core Collection, Thomson Reuters.</li> <li>2. O revistă cotate ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în "Journal Citation Reports".</li> <li>3. Autorul sau autorii principali ai unei publicații se consideră a fi oricare dintre următorii:             <ol style="list-style-type: none"> <li>a. primul autor</li> <li>b. primul autor corespondent</li> <li>c. ultimul autor.</li> </ol> </li> <li>4. Factorul cumulat de impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP). FCIAP = suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI.</li> <li>5. În analiză vor fi incluse articolele originale și reviews. În cazuri speciale, privind alte tipuri de publicații, posibile, dar probabil cu o contribuție mică în evaluare, decizia va aparține comisiei de evaluare.</li> </ol> <p><b>Nu sunt acceptate rezumatele și corecțiile. Nu sunt admise adeverințe sau certificările din partea editorului că un articol a fost acceptat pentru publicare. Factorul de impact se calculează la data apariției articolului.</b></p>

## PARTEA a III-a

### MEDICINĂ/FARMACIE

1. Minim 10 articole *in extenso* in reviste cotate ISI Thomson Reuters (articole în reviste cu factor de impact) în calitate de autor principal. În analiză vor fi incluse articole in extenso originale și reviews.

Autorul sau autorii principali ai unei publicații se consideră a fi oricare dintre următorii:

- a. Primul autor
- b. Primul autor corespondent
- c. Ultimul autor

Nr.	AUTORI	TITLU ARTICOL	REVISTA An, Vol., Nr. Pag. ISSN	ISI FI	AFILIEREA AUTORULUI TRECUTĂ ÎN ARTICOL
1.	Bratu LM, Marcovici I, Macasoi I, Manea A, Niculescu B, Olaru F, Heghes A, Dehelean C, <b>Coricovac D.</b>	In Vitro Insights Regarding the Role of Melanin in Melanoma Cells' Response to Betulinic Acid Treatment.	Farmacia 2022, 70(1): 8-16 ISSN (print): 0014-8237	1.6	<sup>1</sup> Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy Timișoara, Eftimie Murgu Square No. 2, RO-300041 Timișoara, Romania. <sup>2</sup> Research Center for Pharmaco- toxicological Evaluations, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timișoara, Eftimie Murgu Square No. 2, RO-300041 Timișoara, Romania.

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2.	Pinzaru I, Chioibas R, Marcovici I, <b>Coricovac D*</b> <b>(correspon ding author),</b> Susan R, Predut D, Georgescu D, Dehelean C.	Rutin Exerts Cytotoxic and Senescence- Inducing Properties in Human Melanoma Cells.	Toxics. 2021; 9(9):226. ISSN: 2305-6304	4.47 2	Research Center for Pharmaco- Toxicological Evaluations, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square No. 2, RO-300041 Timisoara, Romania. Faculty of Pharmacy, "Victor Babeş" University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square No. 2, RO-300041 Timisoara, Romania.
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3.	Blidisel A, Marcovici I, <b>Coricovac D*</b> <b>(corresponding author)</b> , Hut F, Dehelean CA, Cretu OM.	Experimental Models of Hepatocellular Carcinoma-A Preclinical Perspective.	Cancers 2021; 13(15):3651 ISSN: 2072-6694	6.57 5	Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy Timișoara, Eftimie Murgu Square No. 2, RO-300041 Timișoara, Romania. Research Center for Pharmaco- toxicological Evaluations, Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy Timișoara, Eftimie Murgu Square No. 2, RO-300041 Timișoara, Romania.
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4.	<b>Coricovac D</b> , Dehelean CA, Pinzaru I, Mioc A, Aburel OM, 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	Int J Mol Sci. 2021; 22(9):4870. ISSN: 1422-0067	6.208	<sup>1</sup> Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy Timișoara, Eftimie Murgu Square No. 2, RO-300041 Timișoara, Romania. <sup>2</sup> Research Center for Pharmacotoxicological Evaluations, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timișoara, Eftimie Murgu Square No. 2, RO-300041 Timișoara, Romania.
5.	Iftode A, Drăghici GA, Macașoi I, Marcovici I, <b>Coricovac DE*</b> (corresponding author), 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;21(1):100. ISSN (print): 1792-0981	2.751	Department of Toxicology and Drug Industry, Faculty of Pharmacy, 'Victor Babes' University of Medicine and Pharmacy, 300041 Timisoara, Romania

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6.	Pinzaru I, Sarau C, <b>Coricovac D*</b> (corresponding author), Marcovici I, Utescu C, Tofan S, Popovici RA, Manea HC, Pavel IE, Soica C, Dehelean C.	Silver Nanocolloids Loaded with Betulinic Acid with Enhanced Antitumor Potential: Physicochemical Characterization and In Vitro Evaluation.	Nanomaterials (Basel). 2021; 11(1):152. ISSN: 2079-4991	5.719	<sup>1</sup> Research Center for Pharmacotoxicological Evaluations, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square No. 2, RO-300041 Timisoara, Romania. <sup>2</sup> Faculty of Pharmacy, "Victor Babeş" University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square No. 2, RO-300041 Timisoara, Romania.
7.	Dehelean CA, Lazureanu V, <b>Coricovac D*</b> (corresponding author), Mioc M, Oancea R, Marcovici I, Pinzaru I, Soica C, Tsatsakis AM, Cretu O.	SARS-CoV-2: Repurposed Drugs and Novel Therapeutic Approaches-Insights into Chemical Structure-Biological Activity and Toxicological Screening.	J Clin Med 2020; 9(7):E2084. ISSN: 2077-0383	4.242	Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy, 2nd Eftimie Murgu Sq., 300041 Timisoara, Romania

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8.	Farcas CG, Macasoi I, Pinzaru I, Chirita M, Chirita Mihaila MC, Dehelean C, Avram S, Loghin F, Mocanu L, Rotaru V, Ieta A, Ercuta A, <b>Coricovac D.</b>	Controlled Synthesis and Characterization of Micrometric Single Crystalline Magnetite With Superparamagnetic Behavior and Cytocompatibility/Cytotoxicity Assessments	Frontiers in Pharmacology 2020, 11, 410. ISSN: 1663-9812	5.81 1	Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy, Timisoara, Romania.
9.	Moaca EA, Farcas C, <b>Coricovac D*</b> <b>(corresponding author),</b> Avram S, Mihali CV, Draghici GA, Loghin F, Pacurariu C, Dehelean C.	Oleic Acid Double Coated Fe <sub>3</sub> O <sub>4</sub> Nanoparticles as Anti- Melanoma Compounds with a Complex Mechanism of Activity- In Vitro and In Ovo Assessment.	JOURNAL OF BIOMEDICAL NANOTECHNOLOGY 2019; 15(5): 893-909. ISSN (print): 1550-7033	4.48 3	"Victor Babes" University of Medicine and Pharmacy of Timisoara, Faculty of Pharmacy, Timisoara 300041, Romania
10.	Danciu C, Pinzaru I, Coricovac D* <b>(corresponding author),</b> Andrica F, Sizemore I, Dehelean C, Baderca F, Lazureanu V, Soica C, Mioc M, Radeke H.	Betulin silver nanoparticles qualify as efficient antimelanoma agents in in vitro and in vivo studies	Eur J Pharm Biopharm. 2019; 134:1-19. ISSN (print): 0939-6411	4.60 4	Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy, 2nd Eftimie Murgu Sq., Timisoara 300041, Romania.

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11.	<b>Coricovac D</b> , Farcas C, Nica C, Pinzaru I, Simu S, Stoian D, Soica C, Proks M, Avram S, Navolan D, Dumitru C, Popovici RA, Dehelean CA.	Ethinylestradiol and Levonorgestrel as Active Agents in Normal Skin, and Pathological Conditions Induced by UVB Exposure: In Vitro and In Ovo Assessments.	Int J Mol Sci. 2018; 19(11). pii: E3600. ISSN: 1422-0067	4.18 3	Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy, 300041 Timișoara, Romania.
12.	<b>Coricovac D</b> , Dehelean C, Moaca EA, Pinzaru I, Bratu T, Navolan D, Boruga O.	Cutaneous Melanoma- A Long Road from Experimental Models to Clinical Outcome: A Review.	Int J Mol Sci. 2018; 19(6). pii: E1566. ISSN: 1422-0067	4.18 3	Department of Toxicology, Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy, 300041 Timișoara, Romania.
13.	Moacă EA, Farcaș C, Ghițu A, <b>Coricovac D*</b> (* <b>corresponding author</b> ), Popovici R, Cărăba-Meiță NL, Ardelean F, Antal DS, Dehelean C, Avram Ș.	A Comparative Study of Melissa officinalis Leaves and Stems Ethanolic Extracts in terms of Antioxidant, Cytotoxic, and Antiproliferative Potential.	Evid Based Complement Alternat Med. 2018; 2018:7860456 ISSN : 1741-427X	1.98 4	"Victor Babes" University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Eftimie Murgu Square No. 2, RO-300041, Romania

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14.	Serafim V, Shah A, Puiu M, Andreescu N, <b>Coricovac D*</b> (corresponding author), Nosyrev A, Spandidos DA, Tsatsakis AM, Dehelean C, Pinzaru I.	Classification of cancer cell lines using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and statistical analysis.	Int J Mol Med. 2017; 40(4):1096-1104. ISSN (print): 1107-3756	2.78 4	Department of Toxicology, Faculty of Pharmacy, 'Victor Babes' University of Medicine and Pharmacy, 300041 Timisoara, Romania.
15.	<b>Coricovac DE</b> , Moaca EA, Pinzaru I, Citu C, Soica C, Mihali CV, Pacurariu C, Tutelyan VA, Tsatsakis A, Dehelean CA.	Biocompatible Colloidal Suspensions Based on Magnetic Iron Oxide Nanoparticles: Synthesis, Characterization and Toxicological Profile. ISSN: 1663-9812	Front. Pharmacol. 2017; 8:154 ISSN: 1663-9812	3.83 1	Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timișoara, Romania.
16.	<b>Coricovac DE</b> , Dehelean CA, Cseh L, Soica CM, Boglut A, Simu GM	Evaluation of the Impact Induced by the Environmental Exposure to a Mixture of Organic Solvents on SKH1 Mice.	Farmacia 2017, 65(1):125-131. ISSN: 0014-8237	1.50 7	"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy, 2 Eftimie Murgu Square, RO-300041, Timișoara, Romania

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17.	<b>Coricovac D</b> , Soica C, Muntean D, Popovici RA, Dehelean CA, Hogeae E	Assessment of the Effects Induced by Two Triterpenoids on Liver Mitochondria Respiratory Function Isolated from Aged Rats.	Revista de Chimie 2015, 66(10):1707-1710. ISSN : 0034-7752	0.956	„Victor Babes” University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
18.	Danciu C, Oprean C, <b>Coricovac DE*</b> (corresponding author), Andreea C, Cimpean A, Radeke H, Soica C, Dehelean C.	Behaviour of four different B16 murine melanoma cell sublines: C57BL/6J skin.	Int J Exp Pathol. 2015, 96(2):73-80. ISSN : 0959-9673	2.125	„Victor Babes” University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
19.	Danciu C, Vlaia L, Fetea F, Hancianu M, <b>Coricovac DE*</b> (corresponding author), Ciurlea SA, Șoica CM, Marincu I, Vlaia V, Dehelean CA, Trandafirescu C.	Evaluation of phenolic profile, antioxidant and anticancer potential of two main representants of Zingiberaceae family against B164A5 murine melanoma cells.	Biol Res. 2015; 48(1):1. ISSN : 0716-9760	1.328	Department of Toxicology, Faculty of Pharmacy, University of Medicine and Pharmacy “Victor Babes”, Eftimie Murgu Square, No. 2, Timisoara 300041, Romania

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20.	Duicu O, Ciurlea S, Dehelean C, Ardelean S, Andrica F, Muntean D, Soica C, Antal D, <b>Coricovac D*</b> (corresponding author), Pinzaru I.	Analysis Of A Betulinic Acid Formulation On Liver Mitochondria Isolated From Mice With Induced Murine Melanoma.	Revista de Chimie, 2014, 65(8):956-959. ISSN : 0034-7752	0.81	„Victor Babes” University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
21.	<b>Coricovac D</b> , Dobrea C, Dehelean C, Duicu O, Muntean D, Noveanu L, Lighezan R.	The effects of Glycyrrhiza glabra L. total extract on liver mitochondrial respiratory function.	Revista de Chimie, 2014, 65(5):608-611 ISSN : 0034-7752	0.81	„Victor Babes” University of Medicine and Pharmacy Timisoara, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
22.	<b>Gheorgheosu D</b> , Duicu O, Dehelean C, Soica C, Muntean D.	Betulinic Acid as a Potent and Complex Antitumor Phytochemical: A Minireview.	Anticancer Agents Med Chem. 2014;14(7):936-45 ISSN: 1871-5206	2.469	„Victor Babes” University of Medicine and Pharmacy Timisoara, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania

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23.	<b>Gheorgheo su D</b> , Jung M, Schmid T, Oren B, Dehelean C, Muntean D, Brüne B.	Betulinic acid suppresses NGAL-induced epithelial-to-mesenchymal transition in melanoma	Biological Chemistry, 2013, 394(6):773-81. ISSN: 1431-6730	2.689	Department of Pathophysiology, 'Victor Babes' University of Medicine and Pharmacy, 300041 Timisoara, Romania
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## 2. Factor cumulat de impact autor principal (FCIAP)

<p><b>Factor cumulat de impact autor principal (FCIAP) minim 10.</b></p> <p><b>Factorul cumulat de Impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP=suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI)</b></p> <p><b>O revistă cotată ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în „Journal Citation Reports”</b></p>	<b>76.124</b>
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## 3. Minim 5 articole in extenso în reviste cotate ISI Thomson Reuters în calitate de coautor.

Nr .	AUTORI	TITLU ARTICOL	REVISTA An, Vol., Nr. Pag. ISSN	ISI FI	AFILIEREA AUTORULUI TRECUTĂ ÎN ARTICOL
1.	Kardaras G, Marcovici I, Rusu D, Dehelean C, <b>Coricovac D</b> , 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; 21(1):103-112. ISSN: 1602-1622	1.6	Department of Toxicology, Drug Industry and Pharmaceutical Biotechnology, Faculty of Pharmacy, Research Center for Pharmacotoxicological Evaluations, UMFVBT, Romania

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2.	Ghiulai R, Mioc M, Racoviceanu R, Prodea A, Milan A, <b>Coricovac D</b> , Dehelean C, Avram S, Zamfir AD, Munteanu CVA, Ivan V, Șoica C.	Structural Investigation of Betulinic Acid Plasma Metabolites by Tandem Mass Spectrometry.	Molecules. 2022; 27(21):7359. ISSN: 1420-3049	4.6	Research Centre for Pharmacotoxicological Evaluation, UMFVBT, 2nd Eftimie Murgu Sq., 300041 Timisoara, Romania. Department of Toxicology, Faculty of Pharmacy, UMFVBT., 2nd Eftimie Murgu Sq., 300041 Timisoara, Romania.
3.	Dehelean CA, <b>Coricovac D (# - equal contribution)</b> , 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. ISSN: 1663-9812	5.6	Faculty of Pharmacy, UMFVBT. Research Center for Pharmacotoxicological Evaluations, UMFVBT.

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40.	Avram S, <b>Coricovac DE</b> (# - equal contribution), Pavel IZ, Pinzaru I, Ghiulai R, Baderca F, Soica C, Muntean D, Branisteanu DE, Spandidos DA, Tsatsakis AM, Dehelean CA.	Standardization of A375 human melanoma models on chicken embryo chorioallantoic membrane and Balb/c nude mice.	Oncol Rep. 2017; 38(1):89-99. ISSN : 1021-335X	2.97 6	Department of Toxicology, Faculty of Pharmacy, UMFVBT, Timisoara 300041, Romania
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48.	Trandafirescu C, Ledeti I, <b>Coricovac DE</b> , Soica CM, Pinzaru I, Dehelean CA, Iacob RE, Borcan F.	Optimization of Hollow Aliphatic Polyurethane Particles Used as a Drug Delivery System. Materiale Plastice 2016, 53(2): 205-210.	Materiale Plastice 2016, 53(2): 205- 210 ISSN : 0025-5289	0.77 8	UMFVBT, School of Pharmacy, 2 E. Murgu Sq., 300041, Timisoara, Romania
49.	Andrica FM, Draghici GA, Soica C, Pinzaru I, <b>Coricovac D</b> , Citu C, Dehelean C.	Antioxidant activity Assessment of ethanolic spirulina extracts.	Revista de Chimie 2016, 67(2):289- 290. ISSN : 0034-7752	1.23 2	UMFVBT, Faculty of Pharmacy, 2 Eftimie Murgu Sq., 300041 Timisoara

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50.	Simu GM, <b>Coricovac D</b> , Cseh L, Soica C, Borcan F, Ionescu D, Andoni M, Dragos D, Dehelean C.	Assessment of skin injuries induced by organic and inorganic phases of the Cosorb process by means of non-invasives techniques.	Revista de Chimie 2016, 67(2):291- 296. ISSN : 0034-7752	1.23 2	UMFVBT, Faculty of Pharmacy, 2 Eftimie Murgu Sq., 300041 Timisoara
51.	Andor B, Danciu C, Alexa E, Zupko I, Hogea E, Cioca A, <b>Coricovac D</b> , Pinzaru I, Patrascu JM, Mioc M, Cristina RT, Soica C, Dehelean C.	Germinated and Ungerminated Seeds Extract from Two Lupinus Species: Biological Compounds Characterization and In Vitro and In Vivo Evaluations.	Evidence-Based Complementary and Alternative Medicine, 2016 ISSN : 1741-427X	1.74 0	Department of Toxicology, UMFVBT, Eftimie Murgu Square, No. 2, 300041 Timișoara, Romania
52.	Soica C, <b>Coricovac D</b> (# - equal contribution), Dehelean C, Pinzaru I, Mioc M, Danciu C, Fulias A, Puiu M, Sitaru C.	Nanocarriers as Tools in Delivering Active Compounds for Immune System Related Pathologies	Recent Pat Nanotechnol. 2016;10(2):128-45. ISSN : 1872-2105	0.91 2	Department of Toxicology, UMFVBT, Eftimie Murgu Square, No. 2, 300041 Timișoara, Romania
53.	Berceanu MF, Pinzaru I, Bratu T, Crainiceanu Z, Ceuta L, Borcan F, <b>Coricovac D</b> , Citu C.	Evolution of Murine Melanoma in C57BL/6J Female Mice A non-invasive evaluation.	Revista de Chimie 2016, 67(1): 81-83. ISSN : 0034-7752	1.23 2	UMFVBT, Faculty of Pharmacy, 2 Eftimie Murgu Sq., 300041 Timisoara

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54.	Duicu OM, Scurtu I, Popescu R, Sturza A, <b>Coricovac D</b> , Danila MD, Privistirescu A, Muntean DM.	Assessment of the Effects of Methylene Blue on Cellular Bioenergetics in H9c2 Cells	Revista de Chimie 2015, 66(4):519-522 ISSN : 0034-7752	0.81	UMFVBT, Department of Toxicology, 2 Eftimie Murgu Sq., 300041 Timisoara, Romania
55.	Minda D, Pavel IZ, Borcan F, <b>Coricovac D</b> , Pinzaru I, Andrica F, Morgovan C, Nita LD, Soica C, Muntean D, Toma CC.	Beneficial Effects of a Lupeol-Cyclodextrin Complex in a Murine Model of Photochemical Skin Carcinoma.	<i>Revista de Chimie</i> , 2015, 66(3): 373-377. ISSN : 0034-7752	0.81	UMFVBT, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
56.	Citu IM, <b>Coricovac D (# - equal contribution)</b> , Kerti V, Duicu O, Privistirescu A, Ardelean S, Muntean D, Dehelean CA.	DECREASED RESPIRATORY FUNCTION IN LIVER MITOCHONDRIA ISOLATED FROM HEALTHY OLD RATS.	Farmacia 2015; 63(1): 99-103. ISSN : 0014-8237	1.16 2	Faculty of Pharmacy, "UMFVBT, 2, Eftimie Murgu Sq., 300041, Timișoara, Romania
57.	Vlaia LL, Olariu IV, Coneac GH, Vlaia V, <b>Coricovac D</b> , Ardelean S, Ciurlea S.	Impact Of Ibuprofen At Skin Level – An In Vitro And In Vivo Study.	<i>Revista de Chimie</i> , 2014, 65(11):1346-1350. ISSN : 0034-7752	0.81	UMFVBT, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania

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58.	Vlaia V, Pinzaru I, <b>Coricovac D</b> , Andoni M, Borcan F, Antal D.	Uptake Of Thallium By Medicinal Plants: First Data For Romanian Flora And Significance To Human Health.	Revista de Chimie, 2014, 65(10):1158- 1162 ISSN : 0034-7752	0.81	UMFVBT, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
59.	Danciu C, <b>Coricovac D</b> (# - equal contribution), Soica C, Dumitrascu V, Simu G, Antal D, Lajos K, Dehelean CA, Borcan F.	Evaluation of Skin Physiological Parameters in SKH1 Mice Experimental Model after Exposure to Aggressive Factors like UVB using Non- invasive Methods.	<i>Revista de Chimie</i> 2014, 65(10): 1195-1199 ISSN : 0034-7752	0.81	UMFVBT, Faculty of Pharmacy, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
60.	Antal DS, <b>Coricovac D</b> , Soica CM, Ardelean F, Pinzaru I, Danciu C, Vlaia V, Toma C.	High Cadmium Content In Wild - Growing Medicinal Plants From South- Western Romania Unexpected Results Of A Survey On 29 Species.	<i>Revista de Chimie</i> , 2014, 65(9):1122- 1125 ISSN : 0034-7752	0.81	UMFVBT, Faculty of Pharmacy, 2 E. Murgu Sq., 300041, Timisoara
61.	Pinzaru I, Trandafirescu C, Szabadai Z, Mioc M, Ledeti I, <b>Coricovac D</b> , Ciurlea S, Ghiulai RM, Crainiceanu Z, Simu G.	Synthesis and Biological Evaluation of Some Pentacyclic Lupane Triterpenoid Esters.	Revista de Chimie, 2014, 65(7):848- 851. ISSN : 0034-7752	0.81	Faculty of Pharmacy, UMFVBT, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania

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63.	Kerti V, <b>Coricovac D</b> , Duicu O, Trancota S, Dănilă M, Fagadar-Cosma E, Muntean D, Dehelean C.	Modulation of Respiratory Function by 5,10,15,20-Tetrakis(N-methyl-4-pyridyl)Porphyrin-Zn(II) Tetrachloride in Isolated Rat Liver Mitochondria	Revista de Chimie, 2014, 65(4):447-449 ISSN : 0034-7752	0.81	UMFVBT, Faculty of Pharmacy, Department of Toxicology, 2 Eftimie Murgu Sq., 300041, Timisoara, Romania
64.	Soica C, Oprean C, Borcan F, Danciu C, Trandafirescu C, <b>Coricovac D</b> , Crainiceanu Z, Dehelean CA, Bratu T.	The synergistic biologic activity of oleanolic and ursolic acids in complex with hydroxypropyl-γ-cyclodextrin	Molecules, 2014, 19(4):4924-4940. ISSN : 1420-3049	2.41 6	Faculty of Pharmacy, UMFVBT, 2 EftimieMurgu, 300041 Timisoara, Romania
65.	Fuliaş A, Ledeti I, Vlase G, Popoiu C, Hegheş A, Bilanin M, Vlase T, <b>Gheorgheosu D</b> , Craina M, Ardelean S, Ferechide D, Mărginean O, Moş L.	Thermal behaviour of procaine and benzocaine Part II: compatibility study with some pharmaceutical excipients used in solid dosage forms.	Chem Cent J., 2013, 7(1):140. ISSN : 1752-153X	1.66 3	Faculty of Pharmacy, UMFVBT, Eftimie Murgu Square 2, Timișoara, RO-300041, Romania

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66.	Duicu OM, Mirica SN, <b>Gheorgheosu DE</b> , Privistirescu AI, Fira-Mladinescu O, Muntean DM.	Ageing-induced decrease in cardiac mitochondrial function in healthy rats.	Can J Physiol Pharmacol., 2013, 91(8):593-600 ISSN : 0008-4212	1.54 6	Department of Pathophysiology , UMFVBT, 14 Tudor Vladimirescu Street, 300173 Timișoara, Timiș, Romania.
67.	Dehelean CA, Feflea S, <b>Gheorgheosu D</b> , Ganta S, Cimpean AM, Muntean D, and Amiji MM.	Anti-Angiogenic and Anti-Cancer Evaluation of Betulin Nanoemulsion in Chicken Chorioallantoic Membrane and Skin Carcinoma in Balb/c Mice.	J. Biomed. Nanotechnol., 2013, 9(4): 577-589. ISSN : 1550-7033	7.57 8	UMFVBT, Faculty of Medicine, Department of Pathophysiology , 300041 Timisoara, Romania

#### 4. Index Hirsch.

<b>Index Hirsch. Va fi luat în considerare Indexul Hirsch calculat utilizând ISI Web of Science, Core Collection, Thomson Reuters</b>	<b>21</b>
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**Nume și prenume candidat: CORICOVAC ELENA-DORINA**

**Semnătura** \_\_\_\_\_

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## PARTEA a IV-a

### VERIFICAREA ÎNDEPLINIRII STANDARDELOR MINIMALE NECESARE ȘI OBLIGATORII PENTRU OBTINEREA ATESTATULUI DE ABILITARE

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domeniul \_\_\_\_\_

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Candidata/ul îndeplinește standardele minimale necesare și obligatorii pentru obținerea atestatului de abilitare, în conformitate cu Anexele nr. 20 și 23 ale Ordinului Ministrului Educației Naționale și Cercetării Științifice nr. 6129/20.12.2016.

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