

UNIVERSITATEA "DUNĂREA DE JOS" DIN GALAȚI  
Facultatea de Medicină și Farmacie  
Departamentul de Științe Farmaceutice  
Concurs pentru ocuparea postului de Conferențiar, poz. 26  
Disciplinele postului: Toxicologie, Industria medicamentului și biotehnologii  
Domeniul postului: Sănătate/ Farmacie  
Publicat în Monitorul Oficial nr. 143 din data de 30.04.2024

**FIȘA DE VERIFICARE**  
**A ÎNDEPLINIRII STANDARDELOR MINIMALE**  
**pentru ocupare posturi didactice și de cercetare**

**I. DATE DESPRE CANDIDAT**

NUME AXENTE PRENUME ELENA ROXANA  
Postul pentru care candidează CONFERENȚIAR  
Catedra/Departamentul ȘTIINȚE FARMACEUTICE Poziția în Statul de funcțiuni 26  
Facultatea MEDICINĂ ȘI FARMACIE

**II. DATE PRIVIND ÎNDEPLINIREA CONDIȚIILOR DE CONCURS**

**1. DOCTORAT**

Doctor ÎN DOMENIUL FARMACIE Confirmat prin O.M. 5610/19.11.2021

2. Îndeplinirea condițiilor privind ocuparea funcțiilor didactice și de cercetare vacante, prevăzute la cap. III (art.12, 15) din Metodologia privind ocuparea posturilor didactice și de cercetare pe perioadă nedeterminată (Anexa 3 la HS nr. 72/29.02.2024) a Universității "Dunărea de Jos" din Galați:

**(1) DIPLOMĂ DE DOCTOR ÎNDEPLINIT**

Diplomă de Doctor Seria J, Nr.0050964 emisă în baza Ord. Ministrului Educației Nr. 5610/19.11.2021 – *DOCTOR ÎN DOMENIUL FARMACIE*  
Titlul tezei de doctorat: *Cercetări asupra compușilor bioactivi de interes terapeutic din Trifolium pratense L. si Medicago sativa L.*

**(2) FARMACIST PRIMAR ÎNDEPLINIT**

Specialitatea: LABORATOR FARMACEUTIC  
Certificat de farmacist primar elibeart prin OMS nr.1749 din 03.09.2021  
Certificat de farmacist specialist eliberat prin OMS nr. 1 din 04.01.2016

**(3) UNIVERSITATE ACREDITATĂ ABSOLVITĂ ÎNDEPLINIT**

UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE "CAROL DAVILA" DIN BUCUREȘTI  
FACULTATEA DE FARMACIE  
Diplomă de Licență Seria A Nr. 0010092

**(4) STANDARDE MINIMALE NAȚIONALE DE OCUPARE A POSTURILOR DIDACTICE, SPECIFICE FUNCȚIEI DE CONFERENȚIAR, STABILITE DE CNATDCU – ÎNDEPLINIT**

Categorie	Criteriu	Grad de indeplinire numeric
-----------	----------	-----------------------------

<b>Nr. Articole ISI Autor principal</b>	6	13
<b>Nr. Articole ISI Coautor</b>	3	9
<b>Index Hirsch Web of Science</b>	4	7
<b>(ISI) Factor cumulat de impact autor principal (FCIAP)</b>	6	51.512

(5) INDEX HIRSCH = 4 **ÎNDEPLINIT**

IH (WOS) =7

[Axente, Elena Roxana - Web of Science Core Collection \(e-nformation.ro\)](#)

IH (S) = 6

[Axente, Roxana Elena - Author details - Scopus](#)

IH (GS) =6

<https://scholar.google.com/citations?hl=ro&user=qI5Yh4QAAAAJ>

(6) FACTOR CUMULAT DE IMPACT AUTOR PRINCIPAL FCIAP=6 **ÎNDEPLINIT**

FCIAP = 51,512

(7) CERTIFICAT DE COMPETENȚĂ LINGVISTICĂ

Nu e cazul

(8) CERTIFICAT DE ABSOLVIRE A PROGRAMULUI DE FORMARE PSIHOPEDAGOGICĂ

**ÎNDEPLINIT**

Adeverinta – Nivelul II – nr 15/08.07.2024 emisa de UNIVERSITATEA “DUNĂREA DE JOS” GALAȚI

Adeverinta – Nivelul I – nr 21/26.03.2024 emisa de UNIVERSITATEA “DUNĂREA DE JOS” GALAȚI

Semnătura

## CRITERII SPECIFICE FACULTĂȚII DE MEDICINĂ ȘI FARMACIE

## UNIVERSITATEA “DUNĂREA DE JOS” GALAȚI

suplimentare Standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, stipulate de OM 6129/20.12.2016

DOMENIUL FARMACIE CONFERENCEȚIAR PERIOADĂ NEDETERMINATĂ

<p><b>STATUS ȘTIINȚIFIC:</b> <b>DOCTOR</b> <b>TEZA DOCTORAT</b></p>	<p><b><u>ÎNDEPLINIT</u></b> <b>DIPLOMA DE DOCTOR</b> Seria J, Nr.0050964 emisă în baza Ord. Ministrului Educației Nr. 5610/19.11.2021 – <b>DOCTOR ÎN DOMENIUL FARMACIE</b> Titlul tezei de doctorat: <i>Cercetări asupra compușilor bioactivi de interes terapeutic din Trifolium pratense L. și Medicago sativa L.</i></p>
<p><b>Farmacist specialist sau titlu profesional superior în specialitatea postului</b></p>	<p><b><u>ÎNDEPLINIT</u></b> <b>Specialitatea: LABORATOR FARMACEUTIC</b> <b>Certificat de farmacist primar elibert prin OMS nr.1749 din 03.09.2021</b> <b>Certificat de farmacist specialist eliberat prin OMS nr. 1 din 04.01.2016</b></p>
<p><b>Universitatea absolvită: universitate acreditată</b></p>	<p><b><u>ÎNDEPLINIT</u></b> <b>UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE “CAROL DAVILA” DIN BUCUREȘTI</b></p>
<p><b>6 articole ISI – autor principal</b></p>	<p><b><u>ÎNDEPLINIT</u></b> 13 articole</p> <ol style="list-style-type: none"> <li><b>Axente E.R., Stan M., Chitescu C.L., Nitescu V.G., Vlasceanu AM, Baconi D.,</b> Application of Ionic Liquids as Mobile Phase Additives for Simultaneous Analysis of Nicotine and Its Metabolite Cotinine in Human Plasma by HPLC-DAD, <i>Molecules</i> <b>2023</b>, 28(4):1563 <b>IF=4.927</b> <a href="https://www.mdpi.com/1420-3049/28/4">https://www.mdpi.com/1420-3049/28/4</a> <a href="https://doi.org/10.3390/molecules28041563">https://doi.org/10.3390/molecules28041563</a></li> <li><b>Obreja C.D., Buruiana D.L., Mereuta E., Muresan A., Ceoromila A.M., Ghisman V. &amp; Axente E.R.,</b> Detection of reed using cnn method and analysis of the dry reed (phragmites australis) for a sustainable lake area, <i>Plant Methods</i> <b>2023</b>, 19 (61) <b>IF=5.1</b> <a href="https://plantmethods.biomedcentral.com/articles/10.1186/s13007-023-01042-w">https://plantmethods.biomedcentral.com/articles/10.1186/s13007-023-01042-w</a> <a href="https://doi.org/10.1186/s13007-023-01042-w">https://doi.org/10.1186/s13007-023-01042-w</a></li> <li><b>Benea L., Ravoiu A., Neaga V., Axente ER,</b> Using Applied Electrochemistry to Obtain Nanoporous TiO2 Films on Ti6Al4V Implant Alloys and Their Preclinical in Vitro Characterization in Biological Solutions, <i>Coatings</i>, <b>2023</b>; 13 (3): 614 <b>IF=3.236</b> <a href="https://www.mdpi.com/2079-6412/13/3/614">https://www.mdpi.com/2079-6412/13/3/614</a> <a href="https://doi.org/10.3390/coatings13030614">https://doi.org/10.3390/coatings13030614</a></li> <li><b>Neaga V., Benea L., Axente ER.</b> ☒, Corrosion Assessment of Zr2.5Nb Alloy in Ringer’s Solution by Electrochemical Methods, <i>Applied Sciences</i> <b>2022</b>, 12, 7976. <b>IF=2.7</b> <a href="https://www.mdpi.com/2076-3417/12/16/7976">https://www.mdpi.com/2076-3417/12/16/7976</a> <a href="https://doi.org/10.3390/app12167976">https://doi.org/10.3390/app12167976</a></li> </ol>

5. **Axente ER**, Benea L. and Bogatu N, The Effect of Nano-ZrO<sub>2</sub> Dispersed Phase into Cobalt Plating Electrolyte on Layer Thickness and Current Efficiency, *Coatings* **2022**; 12(7), 962  
IF= 3.236 <https://www.mdpi.com/2079-6412/12/7/962/pdf>  
<https://doi.org/10.3390/coatings12070962>
6. **Axente ER**, Benea L. and Bogatu N. Celis J-P, Susceptibility to tribocorrosion degradation of 304 L stainless steel from dental structures in biological solution, *Tribology International* **2022**, 174, 107769  
IF= 6.2 [Susceptibility to tribocorrosion degradation of 304 L stainless steel from dental structures in biological solution - ScienceDirect](https://doi.org/10.1016/j.triboint.2022.107769)  
<https://doi.org/10.1016/j.triboint.2022.107769>
7. Bogatu N., **Axente ER** , Benea L. and Celis J-P. Enhancement of Corrosion Resistance Properties of Electrodeposited Ni/nano-TiC Composite Layers. *International Journal of Molecular Science* **2022**; 23(11), 6069  
IF= 5.924 <https://www.mdpi.com/1422-0067/23/11/6069>  
<https://doi.org/10.3390/ijms23116069>
8. Ghisman V., Muresan A.C., Buruiana D.L., **Axente E.R**, Waste slag benefits for correction of soil acidity, *Scientific Reports* **2022**; 12(16042)  
IF=4.6 [Waste slag benefits for correction of soil acidity | Scientific Reports \(nature.com\)](https://doi.org/10.1038/s41598-022-20528-6)  
<https://doi.org/10.1038/s41598-022-20528-6>
9. Lidia Benea , Nicoleta Simionescu Bogatu , **Roxana Chiriac** , Electrochemically obtained Al<sub>2</sub>O<sub>3</sub> nanoporous layers with increased anticorrosive properties of aluminium alloy, *Journal of Materials research and Technology* 2022, 17 , 2636-2647  
IF =6.4 <https://doi.org/10.1016/j.jmrt.2022.02.038>  
<https://doi.org/10.1016/j.jmrt.2022.02.038>
10. **Chiriac ER** , Chişescu CL, Geană E-I, Gird CE, Socoteanu RP, Boscencu R., Advanced Analytical Approaches for the Analysis of Polyphenols in Plants Matrices—A Review, *Separations* **2021**, 8(5):65  
IF= 1.900 <https://www.mdpi.com/2297-8739/8/5/65>  
<https://doi.org/10.3390/separations8050065>
11. **Chiriac E. R.**, Chişescu C. L., Borda D., Lupoae M., Gird C. E., Geană E. I., Dobre M., Boscencu R, Comparative Study of the Bioactive Properties and Elemental Composition of Red Clover (*Trifolium pratense*) and Alfalfa (*Medicago sativa*) Sprouts during Germination, *Applied Sciences* **2020**, 10, 7249  
IF= 2.474 <https://www.mdpi.com/2076-3417/10/20/7249>  
<https://doi.org/10.3390/app10207249>
12. **Chiriac E. R.**, Chişescu C. L., Borda D., Lupoae M., Gird C. E., Geană E. I., Blaga G.V., Boscencu R, Comparison of the Polyphenolic Profile of *Medicago sativa* L. and *Trifolium pratense* L. Sprouts in Different Germination Stages Using the UHPLC-Q Exactive Hybrid Quadrupole Orbitrap High-Resolution Mass Spectrometry, *Molecules* **2020**; 25(10), 2321  
IF=3.060 <https://www.mdpi.com/1420-3049/25/10/2321>  
<https://doi.org/10.3390/molecules25102321>
13. Topor G, Nechita A, Debita M, Ciupilan C, **Axente ER**, General and Particular Structural Characteristics of Acetylsalicylic Acid - Aspirine Chemical properties, *Revista de chimie* **2019**, 70, 248-253  
IF= 1.755 [General and Particular Structural Characteristics of Acetylsalicylic Acid - Aspirine Chemical properties \(revistadechimie.ro\)](https://doi.org/10.37358/RC.70.19.1)  
<https://doi.org/10.37358/RC.70.19.1>

3 articole ISI – coautor	<b>ÎNDEPLINIT/NEÎNDEPLINIT</b> <b>9 articole</b>
	<ol style="list-style-type: none"> <li>1. Benea, L., Bounegru, I., Axente, ER, Buruiana, D., Susceptibility of 316L Stainless Steel Structures on Corosion Degradation in Salivary Solutions in the Presence of Lactic Acid, <i>Journal of Functional Biomaterials</i> <b>2023</b>; 14(11):535  <b>IF=4.8</b>  <a href="https://www.mdpi.com/2079-4983/14/11/535">https://www.mdpi.com/2079-4983/14/11/535</a> <a href="https://doi.org/10.3390/jfb14110535">https://doi.org/10.3390/jfb14110535</a> </li> <li>2. Benea L., Bounegru I., Forray A., Axente ER and Buruiana D.L., Preclinical EIS Study of the Inflammatory Response Evolution of Pure Titanium Implant in Hank's Biological Solution, <i>Molecules</i> <b>2023</b>; 28(12):4837  <b>IF=4.9.27</b>  <a href="https://www.mdpi.com/1420-3049/28/12/4837/pdf">https://www.mdpi.com/1420-3049/28/12/4837/pdf</a>  <a href="https://doi.org/10.3390/molecules28124837">https://doi.org/10.3390/molecules28124837</a> </li> <li>3. Cadar E., Negreanu- Pirjol T., Sirbu R., Dragan A.L., Negreanu- Pirjol B., Axente ER, Ionescu AM, Biocompounds from Green Algae of Romanian Black Sea Coast as Potential Nutraceuticals, <i>Processes</i> <b>2023</b>; 11(6), 1750  <b>IF=3.352</b>  <a href="https://www.mdpi.com/2227-9717/11/6/1750">https://www.mdpi.com/2227-9717/11/6/1750</a> :  <a href="https://doi.org/10.3390/pr11061750">https://doi.org/10.3390/pr11061750</a> </li> <li>4. Stefan CS, Chitescu CL, Manolache N, Diaconu C, Elisei AM, Beznea A, Iancu A, Gurau G, Chiriac ER, Fulga I, The Investigation of antimicrobial activity of some extracts from Momordica Charantia by using as solvent extraction an ionic liquid, <i>Farmacia Journal</i> <b>2022</b>; 70(1),144-150  <b>IF=1.6</b>  <a href="art-21-Stefan_Fulga_144-150.pdf">art-21-Stefan_Fulga_144-150.pdf</a> (farmaciajournal.com)  <a href="https://doi.org/10.31925/farmacia.2022.1.21">https://doi.org/10.31925/farmacia.2022.1.21</a> </li> <li>5. Marculescu AD, Gavat CC, Nechita A, Topor G, Vasilescu LV, Debita M, Axente ER, Trinca LC, Anghel L. Investigation of linearity, detection limit (LD) and quantitation limit (LQ) of active substance from pharmaceutical tablets, <i>Revista de chimie</i> <b>2019</b>;70, 259-262  <b>IF=1.755</b>  <a href="Investigation_of_linearity_detection_limit_(LD)_and_quantitation_limit_(LQ)_of_active_substance_from_pharmaceutical_tablets_(revistadechimie.ro)">Investigation of linearity, detection limit (LD) and quantitation limit(LQ) of active substance from pharmaceutical tablets (revistadechimie.ro)</a>  <a href="https://doi.org/10.37358/RC.19.1.6895">https://doi.org/10.37358/RC.19.1.6895</a> </li> <li>6. Stefan C.S., Lupascu V., Lisa E.L., Dragostin O. M., Chiriac E.R., Chitescu C. L. Determination of Total Polyphenols from Momordica Charantia using Ionic Liquid-Assisted Solvent Extraction. <i>Farmacie</i>. 2018; Proceedings of The Romanian National Congress of Pharmacy – 17<sup>th</sup> Edition, Bucharest, Romania, 26<sup>th</sup>-29<sup>th</sup> September 2018, p. 209-2013. Filodiritto Editore – Proceedings, Bologna, 2018  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000471845800038">https://www.webofscience.com/wos/woscc/full-record/WOS:000471845800038</a> </li> <li>7. Stefan CS, Chiriac ER, Dragostin O, Lisa EL, Cioroi M, Study of Benzoic Acid Solubility in Imidazolium Formate as Pure Ionic Liquid and Its Binary Aqueous Mixtures, <i>Revista de chimie</i> <b>2017</b>; 68, 2256-2260  <b>IF=1.412</b>  <a href="https://revistadechimie.ro/Articles.asp?ID=5866">https://revistadechimie.ro/Articles.asp?ID=5866</a>  <a href="https://doi.org/10.37358/RC.17.10.5866">https://doi.org/10.37358/RC.17.10.5866</a> </li> <li>8. Cioroi M., Chiriac E.R., Stefan C.S., Determination of Acidity, Total Polyphenois Content, Calcium, Magnesium and Phosphorus in Sea Buckthom Berries, <i>Revista de chimie</i> <b>2017</b>; 68 (2) 300-303  <b>IF= 1.412</b> </li> </ol>

	<p><a href="#">Determination of Acidity, Total Polyphenols Content, Calcium, Magnesium and Phosphorous in Sea Buckthorn Berries (revistadechimie.ro)</a>  <a href="https://doi.org/10.37358/RC.17.2.5440">https://doi.org/10.37358/RC.17.2.5440</a></p> <p>9. Neacsu M., <b>Chiriac E.R.</b>, Chiriac A., Pandia O., Saracin I., Technological parametres optimization of the AlZn5Mg3Cu Alloy thermomechanical treatment process, <i>Metalurgija</i> <b>2017</b>, 56 (1-2) 185-187  <b>IF=0.6</b></p> <p><a href="#">TECHNOLOGICAL PARAMETERS OPTIMIZATION OF THE AlZn5Mg3Cu ALLOY THERMOMECHANICAL TREATMENT PROCESS-Web of Science Core Collection (e-nformation.ro)</a></p>
<b>Index Hirsch – 4</b>	<p><b>ÎNDEPLINIT</b>  <b>IH (WOS) =7</b>  <a href="#">Axente, Elena Roxana - Web of Science Core Collection (e-nformation.ro)</a>  <b>IH (S)= 6</b>  <a href="#">Axente, Roxana Elena - Author details - Scopus</a>  ID (59196058700 57207767924 59195843500)  <b>IH (GS)=6</b>  <a href="https://scholar.google.com/citations?hl=ro&amp;user=qI5Yh4QAAAAJ">https://scholar.google.com/citations?hl=ro&amp;user=qI5Yh4QAAAAJ</a></p>
<b>Factor cumulat de impact autor principal (FCIAP) – 6</b>	<p><b>ÎNDEPLINIT</b>  <b>FCIAP = 51,512</b></p>
<b>Certificat de competență lingvistică pentru posturile didactice la MED ENGL</b>	<p><b>ÎNDEPLINIT/NEÎNDEPLINIT</b>  <i>Nu este cazul</i></p>
<b>Certificat de absolvire a programului de formare psihopedagogică pentru învățământul superior</b>	<p><b>ÎNDEPLINIT</b>  Adeverinta – Nivelul II – nr 15/08.07.2024  Adeverinta – Nivelul I – nr 21/26.03.2024</p>

22.07.2024

Semnătură

