



**STANDARDELE MINIMALE, NECESARE ȘI OBLIGATORII
PENTRU ÎNSCRIERE LA CONCURS
pentru ocuparea postului de Cercetător Științific gradul III
perioadă nedeterminată**

(CERCETĂTOR ȘTIINȚIFIC III, poziția 18, domeniul fundamental de cercetare ȘTIINȚE BIOLOGICE ȘI BIOMEDICALE, ramura de știință (profilul postului de cercetare) BIOLOGIE, grup de lucru GASTROENTEROLOGIE, din cadrul Departamentului de Cercetare Științifică: PLATFORMA CENEMED)

- Deținerea diplomei de Doctor în domeniul postului¹ - *anexată în copie legalizată*
DIPLOMĂ DE DOCTOR ÎN DOMENIUL **BIOLOGIE**, Seria Nr.
eliberată la data
- Minimum 5 lucrări, publicate în ultimii 5 ani*, în extenso (ISI) dintre care minimum 2 lucrări ca autor principal în reviste cotate ISI. Nu sunt luate în considerare adeverințele de accept de publicare.
 1. Mavroudis, I; Kazis, D; Petridis, F; Chatzikonstantinou, S; Karantali, E; Njau, S; Costa, V; Ciobica, A; Trus, C; **Balmus, I**; Baloyannis, S. *Morphological and morphometric changes in the Purkinje cells of patients with essential tremor.* EXPERIMENTAL AND THERAPEUTIC MEDICINE Volume 23 Issue 2 Article Number 167. DOI 10.3892/etm.2021.11090. Published FEB 2022. IF (JCR 2020) = 2,447 (Q3).
<https://www.spandidos-publications.com/10.3892/etm.2021.11090>
 2. **(Autor principal) Balmus, IM**; Copolovici, D; Copolovici, L; Ciobica, A; Gorgan, DL. *Biomolecules from Plant Wastes Potentially Relevant in the Management of Irritable*



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¹ Nume diplomă, serie, număr

*Ultima promovare: sesiunea mai - iulie 2021 – CS dr. asoc. în cadrul Departamentului de Științe Exacte și Științe ale Naturii, ICI – UAIC din Iași, conform Adeverinței de parcurs profesional (anexată în original).

Bowel Syndrome and Co-Occurring Symptomatology. MOLECULES Volume 27 Issue 8 Article Number 2403. DOI 10.3390/molecules27082403. Published APR 2022. IF (JCR 2020) = 4,412 (Q2).

<https://www.mdpi.com/1420-3049/27/8/2403>

3. Mavroudis, I; Kazis, D; Chowdhury, R; Petridis, F; Costa, V; **Balmus, IM**; Ciobica, A; Luca, AC; Radu, I; Dobrin, RP; Baloyannis, S. *Post-Concussion Syndrome and Chronic Traumatic Encephalopathy: Narrative Review on the Neuropathology, Neuroimaging and Fluid Biomarkers*. DIAGNOSTICS Volume 12 Issue 3 Article Number 740. DOI 10.3390/diagnostics12030740. Published MAR 2022. IF (JCR 2020) = 3,706 (Q2).

<https://www.mdpi.com/2075-4418/12/3/740>

4. Ilie, OD; Bolos, A; Nita, IB; Cojocariu, RO; **Balmus, IM**; Ciobica, A; Trus, C; Doroftei, B. *Preliminary Data on Gastrointestinal Deficiencies Incidence and the Prevalence of Anxiety During the COVID-19 Pandemic Among the Medical Workers*. JOURNAL OF NERVOUS AND MENTAL DISEASE Volume 210 Issue 2 Pages 98-103. DOI 10.1097/NMD.0000000000001445. Published FEB 2022. IF (JCR 2020) = 2,254 (Q3).

https://journals.lww.com/jonmd/Abstract/2022/02000/Preliminary_Data_on_Gastrointestinal_Deficiencies.4.aspx

5. **(Autor principal - corespondent)** Lefter, R; Cojocariu, RO; Ciobica, A*; **Balmus, IM***; Mavroudis, I; Kis, A. *Interactions between Sleep and Emotions in Humans and Animal Models*. MEDICINA-LITHUANIA Volume 58 Issue 2 Article Number 274. DOI 10.3390/medicina58020274. Published FEB 2022. IF (JCR 2020) = 2,43 (Q2).

<https://www.mdpi.com/1648-9144/58/2/274>

6. Mavroudis, I; Chowdhury, R; Petridis, F; Karantali, E; Chatzikonstantinou, S; **Balmus, IM**; Luca, IS; Ciobica, A; Kazis, D. *YKL-40 as a Potential Biomarker for the Differential Diagnosis of Alzheimer's Disease*. MEDICINA-LITHUANIA Volume 58 Issue 1 Article Number 60. DOI 10.3390/medicina58010060. Published JAN 2022. IF (JCR 2020) = 2,43 (Q2).

<https://www.mdpi.com/1648-9144/58/1/60>

7. Ilie, OD; Paduraru, E; Robea, MA; **Balmus, IM**; Jijie, R; Nicoara, M; Ciobica, A; Nita, IB; Dobrin, R; Doroftei, B. *The Possible Role of Bifidobacterium longum BB536 and Lactobacillus rhamnosus HN001 on Locomotor Activity and Oxidative Stress in a Rotenone-Induced Zebrafish Model of Parkinson's Disease*. OXIDATIVE MEDICINE AND CELLULAR LONGEVITY Volume 2021 Article Number 9629102. DOI 10.1155/2021/9629102. Published OCT 14 2021. IF (JCR 2020) = 6,543 (Q2).

<https://www.hindawi.com/journals/omcl/2021/9629102/>

8. Doroftei, B; Ilie, OD; **Balmus, IM**; Ciobica, A; Maftei, R; Scripcariu, I; Simionescu, G; Grab, D; Stoian, I; Ilea, C. *Molecular and Clinical Insights on the Complex Interaction between Oxidative Stress, Apoptosis, and Endobiota in the Pathogenesis of*

Endometriosis. DIAGNOSTICS Volume 11 Issue 8 Article Number 1434. DOI 10.3390/diagnostics11081434. Published AUG 2021. IF (JCR 2020) = 3,706 (Q2).

<https://www.mdpi.com/2075-4418/11/8/1434>

9. Jijie, R; Mihalache, G; **Balmus, IM**; Strungaru, SA; Baltag, ES; Ciobica, A; Nicoara, M; Faggio, C. *Zebrafish as a Screening Model to Study the Single and Joint Effects of Antibiotics*. PHARMACEUTICALS Volume 14 Issue 6 Article Number 578. DOI 10.3390/ph14060578. Published JUN 2021. IF (JCR 2020) = 5,863 (Q1).

<https://www.mdpi.com/1424-8247/14/6/578>

10. Ilie, OD; Nita, IB; Cojocariu, RO; Balmus, IM; Ciobica, A; Doroftei, B; Trifan, A; Stanciu, C. *Studying Some Possible Irritable Bowel Syndrome Manifestations in COVID-19 Patients*. MEDICAL-SURGICAL JOURNAL-REVISTA MEDICO-CHIRURGICALA Volume 125 Issue 2 Page 199-208. DOI 10.22551/MSJ.2021.02.04. Published 30 JUN 2021. Indexată ISI fără factor de impact (JCR Cathegory: Medicine, General & Internal in ESCI edition).

<https://www.revmedchir.ro/index.php/revmedchir/article/view/2387>

Data,

24.05.2022

Nume și prenume (semnatura),

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