***ANEXA 4.1***

Nume Prenume: **Barbu Lucian**

Gradul didactic: conferențiar

Instituția unde este titular: Universitatea Babeș-Bolyai

Facultatea: Biologie si Geologie

Departamentul: Biologie Moleculară și Biotehnologie

**LISTA**

**lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic**

1. **Teza de doctorat**

Contributii privind structura, ultrastructura si functiile corpusculului de glicogen

1. **Cărţi si capitole în cărţi publicate în ultimii 10 ani**

B1.

B2.

B3.

1. **Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

C1.

1. Targeting JAK/STAT3 in glioblastoma cells using an alginate-PNIPAm molecularly imprinted hydrogel for the sustained release of ruxolitinib Authors (8): Baraian, Alexandra-Iulia; Raduly, Lajos ... Bodoki, Ede Published: Apr 2025 in International Journal of Biological Macromolecules
2. DOI: 10.1016/J.IJBIOMAC.2025.140025 Accession Number: WOS:001407355600001
3. Identification of distinct profiles of glioblastoma through the immunocapture of extracellular vesicles from patient plasma Authors (8): Manu, Doina Ramona; Balasa, Rodica ... Balasa, Adrian Published: Mar 2025 in Plos One DOI: 10.1371/JOURNAL.PONE.0315890 Accession Number: WOS:001449697200030
4. Urban Traffic's Influence on Noise and Particulate Matter Pollution Authors (5): Avram, Simona Elena; Tudoran, Lucian Barbu ... Petean, Ioan Published: Mar 2025 in Sustainability DOI: 10.3390/SU17052077 Accession Number: WOS:001443472600001
5. Tobacco Residues Deposition at the Surface of Cobalt-Chromium Dental Alloys and the Effect of Cigarette Smoke Extract on Human Mesenchymal Stem Cells: An In Vitro Study Authors (11): Uriciuc, Willi-Andrei; Bosca, Bianca Adina ... Ilea, Aranka Published: Feb 2025 in Coatings DOI: 10.3390/COATINGS15030279 Accession Number: WOS:001451984100001
6. Preclinical pharmaco-toxicological screening of biomimetic melanin-like nanoparticles as a potential therapeutic strategy for cutaneous melanoma Authors (10): Marcovici, Iasmina; Chioibas, Raul ... Dehelean, Cristina Adriana Published: Feb 2025 in Frontiers in Pharmacology
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26. A Study of Hyaluronic Acid's Theoretical Reactivity and of Magnetic Nanoparticles Capped with Hyaluronic Acid Authors (6): Racuciu, Mihaela; Oancea, Simona ... Creanga, Dorina Published: Mar 2024 in Materials DOI: 10.3390/MA17061229 Accession Number: WOS:001192559800001
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C2

C3

1. **Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi**

**(neindexate)**

**- Reviste**

D1.

**- Selecţie cu maximum 20 lucrări în volume de conferinţe**

1.

* 1. **Brevete obţinute în întreaga activitate**

E1.

**Data: 01.07.2025 Semnătura:**

E – Brevete (pentru întreaga activitate)