Anexa 5

STANDARDELE MINIMALE, NECESARE ȘI OBLIGATORII
PENTRU ÎNSCRIERE LA CONCURS
pentru ocuparea postului de Asistent Universitar
perioadă nedeterminată

- Deținerea diplomei de Doctor în domeniul postului[1]
  Diplomă de Doctor, în domeniul Chimie, nr. 5345, din 25.11.2019, Diploma Seria J, Nr. 0028819.
  Diploma de Doctor Florina Daniela Ivan (Cojocaru).pdf
- Deținerea titlului de medic rezident sau a unui titlu medical superior la disciplinele de concurs cu corespondent în Rețeaua Sanitară, în specialitatea postului
  Nu este cazul.
- Minimum 2 lucrări în reviste din domeniul postului pentru care candidează (medicină, medicină dentară, farmacie sau alte domenii, în conformitate cu postul scos la concurs), in extenso, dintre care 1 articol în reviste cotate ISI, prim autor sau autor corespondent, 1 articol în reviste BDI, prim autor.
  Criteriu îndeplinit: 12 articole în reviste ISI (5 articole prim autor, 2 articole autor corespondent, 1 articol ultimul autor, 1 articol contribuție egală, 3 articole co-autor), dintre care 11 publicate în ultimii 5 ani
  și 10 articole în reviste BDI (6 prim autor, 4 co-autor), dintre care 3 publicate în ultimii 5 ani.

[1] Nume diplomă, serie, număr

Lucrări în reviste cotate ISI[2] , dintre care 11 publicate în ultimii 5 ani

1. **FD Cojocaru,** V Balan, L Verestiuc, Advanced 3D Magnetic Scaffolds for Tumor-Related Bone Defects, *International Journal of Molecular Sciences* **2022**, Vol. 23, nr. 24, 16190. Factor impact 2021: **6,208** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=INT%20J%20MOL%20SCI&year=2021&fromPage=%2Fjcr%2Fhome)
   Link către revistă: https://doi.org/10.3390/ijms232416190

2. I Gardikiotis, **FD Cojocaru*,** CT Mihai, V Balan, G Dodi*, Borrowing the Features of Biopolymers for Emerging Wound Healing Dressings: A Review, *International Journal of Molecular Sciences* **2022**, Vol. 23, nr. 15, 87782022. (*autor corespondent).
   Factor impact 2021: **6,208** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=INT%20J%20MOL%20SCI&year=2021&fromPage=%2Fjcr%2Fhome).
   Link către revistă: https://doi.org/10.3390/ijms23158778

3. G Dodi, D Popescu, **FD Cojocaru*,** M Aradoaei, RC Ciobanu, CT Mihai, Use of Fourier-Transform Infrared Spectroscopy for DNA Identification on Recycled PET Composite Substrate, *Applied Sciences* **2022**, 12 (9), 4371. (*autor corespondent). Factor impact 2021: **2,838** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=APPL%20SCI-BASEL&year=2021&fromPage=%2Fjcr%2Fhome).
   Link către revistă: https://doi.org/10.3390/app12094371

4. MC Spataru, **FD Cojocaru**, AV Sandu, C Solcan, IA Duceac, MS Baltatu, et al, Assessment of the Effects of Si Addition to a New TiMoZrTa System, *Materials* **2021**, Vol. 14, nr. 24, 7610. (co-autor). Factor impact 2021: **3,748** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=MATERIALS&year=2021&fromPage=%2Fjcr%2Fhome)
   Link către revistă: https://doi.org/10.3390/ma14247610

5. **FD Cojocaru**, V Balan, CE Tanase, IM Popa, M Butnaru, O Bredetean, M Mares, V Nastasa, S Pasca, L Verestiuc, Development and characterisation of microporous biomimetic scaffolds loaded with magnetic nanoparticles as bone repairing material. *Ceramics International* **2021**, Vol. 47, nr. 8, 11209-11219.
   Factor impact 2021: **5,532** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=CERAM%20INT&year=2021&fromPage=%2Fjcr%2Fhome)
   Link către revistă: https://doi.org/10.1016/j.ceramint.2020.12.246

[2] Autori, titlu articol, nume revistă, volum, număr, paginație, factor de impact al revistei pentru anul publicării articolului , link

6. **FD Cojocaru**, D Botezat, I Gardikiotis, CM Uritu, G Dodi, L Trandafir, C Rezus, E Rezus, BI Tamba, CT Mihai, Nanomaterials Designed for Antiviral Drug Delivery Transport across Biological Barriers, *Pharmaceutics* **2020**, Vol. 12, nr. 2, 171.
Factor impact 2020: **6,321**. (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=PHARMACEUTICS&year=2020&fromPage=%2Fjcr%2Fhome)
Link către revistă: https://doi.org/10.3390/pharmaceutics12020171

7. V Balan, CT Mihai, **FD Cojocaru**, CM Uritu, G Dodi, D Botezat, I Gardikiotis, Vibrational Spectroscopy Fingerprinting in Medicine: from Molecular to Clinical Practice, Materials 2019, Vol. 12, nr. 18, 2884. (contribuție egală, menționat la pagina 30: "All authors contributed equally to this manuscript."). Factor impact 2019: **3,057** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=MATERIALS&year=2019&fromPage=%2Fjcr%2Fhome).
Link către revistă: https://doi.org/10.3390/ma12182884

8. **FD Cojocaru**, V Balan, MI Popa, A Lobiuc, A Antoniac, IV Antoniac, L Verestiuc, Biopolymers – Calcium phosphates composites with inclusions of magnetic nanoparticles for bone tissue engineering, *International Journal of Biological Macromolecules* **2019**, 125, 612-620. Factor impact 2019: **5,162** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=INT%20J%20BIOL%20MACROMOL&year=2019&fromPage=%2Fjcr%2Fsearch-results).
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9. AG Rusu, AP Chiriac, LE Nita, M Bercea, N Tudorachi, A Ghilan, D Pamfil, D Rusu, **FD Cojocaru**, Interpenetrated polymer network with modified chitosan in composition and self-healing properties, *International Journal of Biological Macromolecules* **2019**, Vol. 132, 374-384. (ultimul autor).
Factor impact 2019: **5,162** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=INT%20J%20BIOL%20MACROMOL&year=2019&fromPage=%2Fjcr%2Fsearch-results).
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10. **FD Cojocaru,** V Balan, IM Popa, A Munteanu, A Anghelache, L Verestiuc, Magnetic Composite Scaffolds for Potential Applications in Radiochemotherapy of Malignant Bone Tumors, *Medicina* **2019**, Vol. 55, 153. Factor impact 2019: **1,205** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=MEDICINA-LITHUANIA&year=2019&fromPage=%2Fjcr%2Fsearch-results).

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11. VC Macarel, CD Radu, L Verestiuc, **FD Ivan**, E Ulea, F Lipsa, MA Florea, et al. Researches Concerning Chemical Modifications of Hair Keratin, *REVISTA DE CHIMIE* **2019**, Vol. 70, nr. 6, 2091-2095. (co-autor). Factor impact 2019: **1,755** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=REV%20CHIM-BUCHAREST&year=2019&fromPage=%2Fjcr%2Fsearch-results).
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12. A Munteanu, **FD Ivan**, A Patrascu, V Balan, C Ursache, L Verestiuc, Treatment Planning Optimization in Radiotherapy Using the Bolus, *Materiale Plastice* **2017**, Vol. 54, nr. 4, 731-734. (co-autor). Factor impact 2017: **1,248** (https://jcr.clarivate.com/jcr-jp/journal-profile?journal=MATER%20PLAST&year=2017&fromPage=%2Fjcr%2Fsearch-results).
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1. A Diaconu, **FD Cojocaru**, I Gardikiotis, L Agrigoroaie, DM Furcea, A Pasat, G Suciu, C Rezuș, G Dodi, Expending the power of artificial intelligence in preclinical research: an overview, *IOP Conf. Series: Materials Science and Engineering* **2022**, Vol. 1254, 012036.
    Link către revistă: https://iopscience.iop.org/article/10.1088/1757-899X/1254/1/012036/pdf
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2. **FD Cojocaru**, AS Mihai, V Balan, CA Peptu, M Butnaru, L Verestiuc, Composite Scaffolds with Inclusion of Magnetite Nanoparticles for Bone Tissue Engineering, *5th International Conference on Nanotechnologies and Biomedical Engineering, Proceedings of ICNBME* **2021,** parte din *International Federation for Medical and Biological Engineering (IFMBE)*, Vol. 87, 342-349.
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3. F Turbatu, O Aioanei, V Balan, **FD Cojocaru**, M Butnaru, L Verestiuc, A Perfusion

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6. IA Tanasa, AE Minuti, **FD Ivan**, S Vasiliu, M Butnaru, L Verestiuc, Novel natural-synthetic hydrogel scaffolds with applications in skin tissue repair and engineering, *2017 E-Health and Bioengineering Conference (EHB)* **2017**, 709-712. DOI: 10.1109/EHB.2017.7995522
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7. **F Ivan**, A P Chiriac, V Balan, Recent Trends in the Design of Biocompatible Gels for Tissue Engineering and Drug Delivery Applications, *Recent Patents on Materials Science* **2016**, 9 (2), 110-115.
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8. **FD Ivan,** V Balan, M Butnaru, IM Popa, L Verestiuc, Bio-Inspired Calcium Phosphates- Biopolymer Scaffolds with Inclusions of SPIONs for Bone Tissue Regeneration, *2015 E-Health and Bioengineering Conference (EHB)* **2015,** 1-4. DOI: 10.1109/EHB.2015.7391526
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Pentru posturile de asistent, altele decât cele din domeniul sănătate, se aplică standardele minimale ale Universității noastre, conform legislației în vigoare.

05.01.2023

Florina Daniela Cojocaru