



Anexa Nr. 2.b

**Fișa de verificare a îndeplinirii standardelor minimale
(valabilă pentru obținerea atestatului de abilitare în Domeniul Medicină dentară)
(în conformitate cu O.M. 6129/20.12.2016)**

Candidat Conf. Dr. SIMION BRAN

Nr. crt.	Activitatea	Tipul activităților	Standarde minimale abilitare	Note asupra metodei de calcul	Gradul de îndeplinire
0	1	2	3	4	5
1.	Cercetare	a. Articole <i>in extenso</i> in reviste cotate ISI Thomson Reuters (articole în reviste cu factor de impact) în calitate de autor principal	<p>minim 8 articole</p> <p>1. Bran S, Onișor-Gligor F, Lucaciu D, Câmpian RS, Lucaciu O, Ducea D. <i>Sinus lift and dental implant treatment as an option for enhancing the quality of life of our patients</i>, Romanian Journal of Morphology and Embryology, 54(1), pag. 121-124, 2013 IF=0.723 (Q4) Prim autor https://pubmed.ncbi.nlm.nih.gov/23529318/</p> <p>2. Lucaciu O, Sorițău O, Băciuț Gr, Lucaciu D, Băciuț M, Câmpian RS, Bran S. <i>The role of Bone Morphogenetic Proteins in tissue engineering particulate bone grafts</i>, Particulate Science and Technology, DOI:10.1080/02726351.2013.879462, 32(4), pag. 377-383, 2014 IF=0.523 (Q4) Ultim autor https://doi.org/10.1080/02726351.2013.879462</p> <p>3. Apostu D, Lucaciu O, Lucaciu GDO, Crișan B, Crișan L, Băciuț M, Onișor F, Baciut Gr, Câmpian RS, Bran S. <i>Systemic drugs that influence titanium implant osseointegration</i>, Drug Metabolism Reviews, Volume: 49 Issue:1, pag. 92-104, ISSN 0360-2532, Published: 2017 IF=4.45 (Q1) Ultim autor https://www.tandfonline.com/doi/full/10.1080/03602532.2016.1277737?scroll=top&needAccess=true</p>	În domeniul postului pentru care candidează, respectiv în reviste medico-dentare sau medicale cu factor de impact minim de 0,3, în calitate de autor principal, publicate de la ultima promovare sau, pentru cei care nu provin din învățământul superior, în ultimii 5 ani.	12 articole ISI autor principal <u>Grad de îndeplinire 1,50.</u>

4. Bran S, Băciuț Gr, Băciuț M, Mitre I, Onișor F, Hedeșiu M, Manea A.
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 DOI:1080/02726351.2018.1455784.https://www.researchgate.net/publication/325173643_The_opportunity_of_using_alloplastic_bone_augmentation_materials_in_the_maxillofacial_region-Literature_review, 37(8), pag. 916-926, May 2018 IF=1.619 (Q3)
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5. Apostu D, Lucaciu O, Meșter AI, Benea H, Oltean-Dan D, Onișor F, Băciuț M, Bran S.
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6. Vacaraș S, Băciuț M, Lucaciu O, Dinu C, Băciuț Gr, Crișan L, Hedeșiu M, Crișan B, Onișor F, Armencea G, Mitre I, Barbur I, Kretschmer W, Bran S.
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New dental implant with 3D shock absorbers and tooth-like mobility—prototype development, Finite Element Analysis (FEA), and mechanical testing, Materials, vol. 12 issue 20, pag. 3444,
 Doi:10.3390/ma12203444 (26 pagini), ISSN: 1996-1944, <https://doi.org/10.3390/ma12203444>, October 2019 IF=3.057 (Q2)
Autor corespondent

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8. Armencea G, Cosma C, Dinu C, Onișor F, Lazăr M, Berce P, Balc N, Băciuț M, **Bran S**.

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9. Armencea G, Berce C, Todea M, Vulpoi A, Leordean D, **Bran S**, Dinu C, Lazăr M, Lucaciu O, Crișan L, Barbur I, Crișan B, Onișor F, Vacaraș S, Băciuț Gr, Băciuț M.

Innovative chemical coating protocol for titanium alloy implants, Studia UBB Chemia, LXIV, 1, pag. 207-218, DOI:10.24193/subbchem.2019.1.17; <https://doi.org/10.24193/subbchem.2019.1.17> 2019, IF=0.494 (Q4);

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http://chem.ubbcluj.ro/~studiachemia/issues/chemia2019_1/17Armencea_207_218.pdf

10. Meșter A, Apostu D, Ciobanu L, Piciu A, Lucaciu O, Câmpian RS, Tăulescu M, **Bran S**.

The impact of proton pump inhibitors on bone regeneration and implant osseointegration, Drug Metabolism Reviews, vol. 51(3), pag. 330-339, ISSN 0360-2532 iulie 2019 IF=3.956 (Q1)

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11. Eniu D, Simon S, Dinu C, Simon V, **Bran S**.

Network connectivity and dissolution properties of sodium calcium phosphate glasses, Journal of Molecular Structure, vol. 1195, pag: 364-368, DOI: 10.1016/j.molstruc.2019.06.006, noi. 2019 IF=2.463 (Q3)

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12. Bordea R, Candrea S, Alexescu G, **Bran S**, Băciuț M, Băciuț Gr, Lucaciu O, Dinu C, Todea D.

Nano-hydroxyapatite use in dentistry – a systematic review, Drug Metabolism Reviews, vol. 52(2), pag.319-332, manuscript ID: LDMR-2020-0004, DOI:

		<p>10.1080/03602532.2020.1758713; ISSN: 0360-2532; Published: 2020-May-12 (Epub 2020 May 12) IF=3.956 (Q1) Toti autorii cu drepturi egale. https://pubmed.ncbi.nlm.nih.gov/32393070/</p>		
	<p>b. Articole publicate în reviste citate în baze de date internaționale (BDI) in extenso în calitate de autor principal</p>	<p>minim 20 articole</p> <p>1-2-3. Taloş F, Vulpoi A, Ponton A, Simon S, Ducea D, Bran S. <i>Oriented growth of apatite-like crystals at the interface between a silicate nanocomposite and simulated body fluid</i>, Digest Journal of Nanomaterials and Biostructures, vol. 8(1), pag. 219-225, 2013 IF=1.123 (Q4) Ultim autor https://www.researchgate.net/publication/259753865_Oriented_growth_of_apatite-like_crystals_at_the_interface_between_a_silicate_nanocomposite_and_simulated_body_fluid</p> <p>4-5-6. Armencea G, Berce C, Rotaru H, Bran S, Stefan V, Leordean D, Jula CA, Gheban D, Lazar M, Băciuț Gr, Băciuț M, Câmpian RS. <i>Titanium alloys with hydroxyapatite or SiO₂+TiO₂ coatings used in bone reconstruction</i>, Optoelectronics and Advanced Materials-Rapid Communications, Vol. 9 Issue: 5-6, pag. 865-868, ISSN 1842-6573, IF=0.412 (Q4) 2015 Autor corespondent https://www.researchgate.net/publication/281708209_Titanium_alloys_with_hydroxyapatite_or_SiO₂TiO₂_coatings_used_in_bone_reconstruction</p> <p>7-8-9. Lucaciu O, Crișan B. (Email Author), Hedeșiu M, Sorișău O, Dîrzu N, Crișan L, Câmpian RS, Băciuț Gr, Băciuț M, Onișor F, Dinu C, Bran S. <i>The role of BMP-2, low-level laser therapy and low x-ray doses in dental follicle stem cell migration</i>, Particulate Science and Technology, vol 36 issue 8, pag. 981-988, ISSN 0272-6351, 2018 IF=1.081 (Q3) Ultim autor https://www.tandfonline.com/doi/full/10.1080/02726351.2017.1331287</p> <p>10. Șuhani M, Băciuț Gr, Băciuț M, Șuhani R, Bran S. <i>Current perspectives regarding the application and incorporation of silver nanoparticles into dental biomaterials</i>, Clujul Medical, vol. 91/3, pag. 274-279, 2018</p>	<p>În domeniul postului pentru care candidează, respectiv în reviste medicodentare sau medicale, publicate de la ultima promovare, sau, pentru cei care nu provin din învățământul superior, în ultimii 5 ani.</p> <ul style="list-style-type: none"> - Se pot echivala articolele ISI, altele decât cele 8 menționate anterior, astfel: 1 articol ISI = 3 articole în reviste medicodentare sau medicale indexate BDI, dar nu și invers! 	<p>23 articole BDI autor principal</p> <p>Grad de îndeplinire 1,15.</p>

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11-12-13. Armencea G, Gheban D, Onișor F, Mitre I, Manea A, Trombitaș V, Lazăr M, Băciuț Gr, Băciuț M, **Bran S.**

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Horea Benea, Alexandru Mester, Simion Bran and Florin Onisor have equally contributed to the current manuscript as the first author.

<https://pubmed.ncbi.nlm.nih.gov/31726891/>

18-19-20. Dinu C, Berce C, Todea M, Vulpoi A, Leordean D, **Bran S** (Email Author), Mitre I, Lazăr M, Crișan B, Crișan L, Rotaru H, Onisor F, Vacaras S, Barbur I, Băciuț Gr, Băciuț M, Armencea G.

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		<p>6351, Published: 2020-nov 16 IF=1.619 (Q3) Autor corespondent https://doi.org/10.1080/02726351.2019.1636916</p> <p>21-22-23. Crișan L, Crișan B, Bran S, Onișor F, Armencea G, Vacaraș S, Lucaciu O, Mitre I, Băciuț M, Băciuț Gr, Dinu C. <i>Carbon-based nanomaterials as scaffolds in bone regeneration</i>, Particulate Science and Technology, Vol. 58/8, pag. 912-921, DOI:10.1080/02726351.2019.1637382, ISSN 0272-6351, Published: nov 16 2020 IF=1.619 (Q3) Autori cu contribuții egale https://doi.org/10.1080/02726351.2019.1637382</p>		
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Semnătura

