

**Lista de lucrări publicate – Boșca Adina Bianca**

**Articole in extenso in reviste cotate ISI Thomson Reuters (articole în reviste cu factor de impact) în calitate de autor principal**

1. Melincovici CS, **Bosca AB**, Susman S, Cutas A, Marginean M, Ilea A, Moldovan IM, Jianu EM, Neag MA, Bulboaca A-E, Mișu CM. Assessment of mismatch repair deficiency, CDX2, beta-catenin and E-cadherin expression in colon cancer: molecular characteristics and impact on prognosis and survival - an immunohistochemical study. Rom J Morphol Embryol 2020, 61(3):715–727 ISSN (print) 1220–0522, ISSN (online) 2066–8279 doi: 10.47162/RJME.61.3.10. IF = 1.411 Autor corespondent  
<https://rjme.ro/RJME/resources/files/610320715727.pdf>
2. Ratiu CA, Ratiu IA, Cavalu S, **Bosca AB**, Ciavoi G. Successful management of spontaneous bone regeneration after jaws cystectomy using PRGF approach; case series. Rom J Morphol Embryol 2020, 61(3):833–840 ISSN (print) 1220–0522, ISSN (online) 2066–8279 doi: 10.47162/RJME.61.3.21. IF = 1.411 Autor corespondent  
<https://rjme.ro/RJME/resources/files/610320833840.pdf>
3. Băbțan A-M, Timuș D, Sorițău O, **Boșca BA**, Barabas R, Ionel A, Petrescu NB, Feurdean CN, Bordea IR, Saraci G, Vesa ȘC, Ilea A. Tissue Integration and Biological Cellular Response of SLM-Manufactured Titanium Scaffolds. Metals. 2020; 10(9):1192. IF=2.117. Autor corespondent  
<https://doi.org/10.3390/met10091192>
4. Ilea A, Timuș D, Petrescu NB, Sorițău O, **Boșca BA**, Mager V, Barbu-Tudoran L, Băbțan AM, Câmpian RS, Barabás R. An in vitro Study on the Biocompatibility of Titanium Implants Made by Selective Laser Melting. Biotechnol Bioproc E. 2019;24: 782-792. DOI 10.1007/s12257-019-0105-7 eISSN 1976-3816. pISSN 1226-8372. IF= 1.438 Autor corespondent  
<https://link.springer.com/article/10.1007/s12257-019-0105-7>
5. Ilea A, Timuș D, Höpken J, Andrei V, Băbțan AM, Petrescu NB, Câmpian RS, **Boșca BA**, Șovrea AS, Negucioiu M, Mesaros AS. Oral appliance therapy in obstructive sleep apnea and snoring - systematic review and new directions of development. CRANIO: The Journal of Craniomandibular & Sleep Practice. In press, Print ISSN: 0886-9634, Online ISSN: 2151-0903, ISI FI= 1.144 Autor corespondent  
<https://doi.org/10.1080/08869634.2019.1673285>
6. **Boșca AB**, Ilea A, Sorițău O, Tatomir C, Miklašová N, Pârvu AE, Mișu CM, Melincovici CS, Fischer-Fodor E. Modulatory effect of curcumin analogs on the activation of metalloproteinases in human periodontal stem cells. Eur J Oral Sci 2019; 000: 1–9. DOI:10.1111/eos.12625. Online ISSN:1600-0722 IF = 1.81 Prim autor  
<https://onlinelibrary.wiley.com/doi/abs/10.1111/eos.12625>
7. Rațiu CA, **Boșca AB**, Cavalu S, Huțu E, Vitzu M, Ciavoi G. Two case reports of vertical and horizontal augmentation with autogenous bone blocks; seven years follow-up. Rom J Morphol Embryol. 2019;60(1):261-266 ISSN 1220-0522 (print) ISSN 2066-8279 (online). IF= 1.5 Autor corespondent  
[http://www.rjme.ro/RJME/resources/files/RatiuCristianAdrian\\_RJME\\_60\\_1\\_2019.pdf](http://www.rjme.ro/RJME/resources/files/RatiuCristianAdrian_RJME_60_1_2019.pdf)

8. Ilea A, Andrei V, Feurdean CN, Băbţan AM, Petrescu NB, Câmpian RS, **Boşca AB**, Ciui B, Tertiş M, Săndulescu R, Cristea C. Saliva, a Magic Biofluid Available for Multilevel Assessment and a Mirror of General Health—A Systematic Review. *Biosensors* 2019, 9(1), 27. EISSN 2079-6374. Citescore Scopus = 3.66. Autor corespondent  
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9. Raţiu C, **Boşca AB**, Ilea A, Ruxanda F, Miclăuş V. Osteoclast recruitment and polymorphism during the healing process in dental implant surgery *Rom Biotechnol Lett.* 2019; 24(1): 66-74 doi: 10.25083/rbl/24.1/66.74 ISSN print: 1224-5984, ISSN online: 2248-3942 IF= 0.404 Autor corespondent  
<https://www.e-repository.org/rbl/vol.24/iss.1/8.pdf>
10. Ilea A, Vrabie OA, Băbţan AM, Miclaus V, Ruxanda F, Sarkozi M, Barbu-Tudoran L, Berce C, **Boşca BA**, Petrescu NB, Cadar O, Câmpian RS, Barabás R. Osseointegration of titanium scaffolds manufactured by selective laser melting in rabbit femur defect model. *Journal of Materials Science: Materials in Medicine* (2019)30:26 IF=2.448. Autor corespondent  
<https://doi.org/10.1007/s10856-019-6227-9>
11. Ilea A, Butnaru A, Sfrângeu SA, Hedeşiu M, Dudescu CM, **Boşca BA**, Trombitaş VE, Câmpian RS, Albu S. Temporal bone trauma effects on auditory anatomical structures in mastoid obliteration. *Eur Arch Otorhinolaryngol.* (2019) 276: 513. (Print) 1434-4726 (Online) IF= 1.546. Autor corespondent  
<https://link.springer.com/article/10.1007%2Fs00405-018-5227-6>
12. Băbţan AM, Ilea A, **Boşca BA**, Crişan M, Petrescu NB, Collino M, Sainz RM, Gerlach J, Câmpian RS. Advanced Glycation End Products (AGEs) as biomarkers in systemic diseases. Premises and perspectives of salivary AGEs 2019;13(6):479–495. ISSN (print): 1752-0363 | ISSN (online): 1752-0371. IF = 2.268. Autor corespondent  
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13. Raţiu CA, Zdrîncea MM, **Boşca AB**, Ruxanda F, Miclăuş V, Ilea A. The effect of plasma rich in growth factors in bone augmentation after sinus lift complications: a case report. *Rom J Morphol Embryol.* 2018;59(4) 1195–1203. ISSN 1220-0522 (print) ISSN 2066-8279 (online). IF= 0.912. Autor corespondent  
[http://www.rjme.ro/RJME/resources/files/RatiuCristianAdrian\\_RJME\\_59\\_4\\_2018.pdf](http://www.rjme.ro/RJME/resources/files/RatiuCristianAdrian_RJME_59_4_2018.pdf)
14. **Boşca AB**, Şovrea AS, Miclăuş V, Ruxanda F, Mişu CM, Melincovici CS, Constantin AM, Petrescu BN, Câmpian RS, Pârnu AE, Ilea A. Diagnostic and therapeutic approaches in oral cavity granulomas based on new data concerning their origin and pathogenesis *Rom J Morphol Embryol.* 2018;59(3):679-690. ISSN 1220-0522 (print) ISSN 2066-8279 (online). IF= 0.912 Prim autor  
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15. Ilea A, Băbţan AM, **Boşca BA**, Crişan M, Petrescu NB, Collino M, Sainz RM, Gerlach JQ, Câmpian RS. Advanced glycation end products (AGEs) in oral pathology. *Arch Oral Biol.* 2018 May 18;93:22-30. doi: 10.1016/j.archoralbio.2018.05.013. ISSN: 0003-9969; IF=2.05 Autor corespondent  
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16. Moga M, **Bosca AB**, Soritau O, Baciut M, Lucaciu O, Virag P, Ilea A, Dîrzu N, Campian RS. Nicotine Cytotoxicity on the Mesenchymal Stem Cells Derived from Human Periodontium Romanian Biotechnological Letters, 2016, 21(4):11763 – 11772, ISSN: 1224 – 5984 IF=0.404 Autor corespondent  
[http://www.rombio.eu/rbl4vol21/18\\_2\\_%20Nicotine%20Cytotoxicity%20on%20Mesenchymal%20Stem%20Cells.pdf](http://www.rombio.eu/rbl4vol21/18_2_%20Nicotine%20Cytotoxicity%20on%20Mesenchymal%20Stem%20Cells.pdf)

17. **Boșca AB**, Dinte E, Colosi H, Ilea A, Câmpian RS, Uifălean A, Pârveu AE Curcumin effect on nitro-oxidative stress in ligature-induced rat periodontitis, Romanian Biotechnological Letters, 2015, 21(4):10709 – 10717, ISSN: 1224 – 5984. IF=0.404 Prim autor  
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18. Cioban C, Zăgănescu R, Roman A, Muste A, Beteg F, Câmpian RS, **Boșca B**. Early healing after ridge preservation with a new collagen matrix in dog extraction sockets: preliminary observations Rom J Morphol Embryol 2013, 54(1):125–130 IF=0.62 ISSN (print) 1220–0522 ISSN (on-line) 2066–8279 Ultim autor  
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1. Băbțan AM, Petrescu NB, Ionel A, **Boșca BA**, Uriciuc WA, Feurdean CN, Mirică CI, Bordea R, Miclăuș V, Ruxanda F, Todea AD, Alexescu TG, Câmpian RS, Ilea A. Insights into the pathogenesis of nicotine addiction. Could a salivary biosensor be useful in Nicotine Replacement Therapy (NRT)? J Mind Med Sci. 2019; 6(2): 196-209. DOI: 10.22543/7674.62.P196209 ISSN: 2392-7674 Autor correspondent  
<https://scholar.valpo.edu/jmms/vol6/iss2/4>

**c. Articole *in extenso* in reviste cotate ISI Thomson Reuters în calitate de coautor**

1. Uriciuc WA, Vermesan H, Tiuc AE, Ilea A, Bosca AB, Popa CO. Casting over Metal Method Used in Manufacturing Hybrid Cobalt-Chromium Dental Prosthetic Frameworks Assembles. *Materials*. 2021; 14(3):539. Uriciuc WA, Vermesan H, Tiuc AE, Ilea A, Bosca AB, Popa CO. Casting over Metal Method Used in Manufacturing Hybrid Cobalt-Chromium Dental Prosthetic Frameworks Assembles. *Materials*. 2021; 14(3):539. IF=3.057  
<https://doi.org/10.3390/ma14030539>  
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2. Petrescu NB, Jurj A, Sorițău O, Lucaciu OP, Dirzu N, Raduly L, Berindan-Neagoe I, Cenariu M, **Boșca BA**, Campian RS, Ilea A. Cannabidiol and Vitamin D3 Impact on Osteogenic Differentiation of Human Dental Mesenchymal Stem Cells. *Medicina*. 2020; 56(11):607. IF=1.205  
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3. Alexandru B-C, Popa M, Oana L, Georgiu C, Tabaran F, Macri A, Purdoi R, Istrate D, Dogaru G, Lazăr C, **Bosca B**, Peştean C, Constantin A-M, Şovrea A. Induction of chronic marginal periodontitis in an experimental sheep model: clinical, radiological and histological evaluation. Rom Biotechnol Lett. 2020; 25(3): 1511-1525. DOI: 10.25083/rbl/25.3/1511.1525 IF = 0.765.  
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4. Moldovan (Lazăr) MA, **Boşca AB**, Roman R, Rotaru H, Prejmerean C, Prodan D, Bere P, Cosma C, Festila D, Ghergie MC. Bone Reaction to a Newly Developed Fiber-reinforced Composite Material for Craniofacial Implants. Mater Plast. 2020; 57(2): 131-139. doi.org/10.37358/MP.20.2.5359. ISSN Print 0025-5289. ISSN Online 2668-8220 IF=1.517  
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5. Ilea A, Vlad A, Băbţan AM, Petrescu NB, Soancă A, Câmpian RS, **Boşca BA**, Şovrea AS, Mesaros AŞ. The New Oral Anticoagulants (NOACs) Between Prevention of Systemic Thromboembolism and Bleeding Procedures in the Dental Office: Review of Literature and Case Report. Mod Res Dent. 4(1):1-10. MRD.000576.2019. DOI: 10.31031/MRD.2019.04.000576. ISSN: 2637-7764 IF= 0.821  
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6. Faragó P, Gălătuş R, Hinteş S, **Boşca AB**, Feurdean CN, Ilea A. An Intra-Oral Optical Sensor for the Real-Time Identification and Assessment of Wine Intake. Sensors, 2019, 19, 4719; doi:10.3390/s19214719, ISSN: 1424-8220, ISI FI= 3.031  
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7. Şovrea AS, **Boşca AB**, Constantin AM, Dronca E, Ilea A. State of the art in human adipose stem cells and their role in therapy. Rom J Morphol Embryol. 2019;60(1):7-31. ISSN 1220-0522 (print) ISSN 2066-8279 (online). IF= 1.5  
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8. Melincovici CS, **Bosca AB**, Susman S, Marginean M, Mişu C, Istrate M, Moldovan IM, Roman AL, Mişu CM. Vascular endothelial growth factor (VEGF) - key factor in normal and pathological angiogenesis. Rom J Morphol Embryol. 2018;59(2):455-467. ISSN 1220-0522 (print) ISSN 2066-8279 (online). IF= 0.912  
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9. Raţiu C, Ilea A, Gal AF, Ruxanda F, **Boşca AB**, Miclăuş V. Mandibular aneurysmal bone cyst in an elderly patient: Case report. Gerodontology. 2018 Jun;35(2):143-146. DOI:10.1111/ger.12325, ISI FI=1.681 Online ISSN:1741-2358  
<https://onlinelibrary.wiley.com/doi/pdf/10.1111/ger.12325>
10. Mirescu CM, Georgiu C, Constantin AM, **Bosca AB**, Lazar CS, Sovrea AS. Could oral cytomorphometry be of value in distinguishing diabetes mellitus? Rom. J. Morphol Embryol. 2017;58(3). IF=0.67. ISSN 1220-0522 (print). ISSN 20-8279 (online).  
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11. Lupsan N, Resiga L, **Bosca AB**, Georgiu C, Crisan D, Mirescu C, Constantin AM, Simon I, Sovrea AS. Diagnostic reevaluation of 17 cases of pheochromocytoma - a

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12. Lazar MA, Rotaru H, Bâldea I, **Bosca AB**, Berce C, Prejmerean C, Prodan D, Câmpian RS. Evaluation of the Biocompatibility of New Fiber-Reinforced Composite Materials for Craniofacial Bone Reconstruction. Journal of Craniofacial Surgery October 2016 Vol. 27 - Issue 7: 1694-1699 ISSN: 1049-2275. Online ISSN: 1536-3732; IF=0.45  
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13. Melincovici CS, Mișu CM, Mărginean M, **Boșca AB**, Coneac A, Moldovan I, Crișan M The prognostic significance of p53, Bax, Bcl2 and cyclin E protein overexpression in colon cancer – an immunohistochemical study using the tissue microarray technique. Rom J Morphol Embryol. 2016;57(1):81-9. FI= 0.811 ISSN (print) 1220-0522 ISSN (on-line) 2066-8279  
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14. Ilea A, **Boșca B**, Miclăuș V, Rus V, Băbțan AM, Mesaros A, Crișan B, Câmpian RS. Oral Human Papillomavirus Infection in Children. Pediatr Infect Dis J. 2016 Feb;35(2):e65-8. DOI:10.1097/INF.0000000000000978 IF=2.72 0891-3668 (Print) 1532-0987 (Electronic) 0891-3668 (Linking)  
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15. Olteanu CD, Serbanescu A, **Bosca AB**, Mișu CM. Orthodontic tooth movement following analgesic treatment with Aspirin and Algocalmin. An experimental study. Rom J Morphol Embryol 2015, 56(4):1339-1344 IF=0.659 ISSN (print) 1220-0522 ISSN (on-line) 2066-8279  
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16. Ilea A, **Boșca B**, Miclăuș V, Rus V, Băbțan AM, Câmpian RS Human papillomavirus infection in the oromaxillofacial area. Clinical anatomy and histological considerations. Clin Anat. 2015 Nov;28(8):1002-7. doi: 10.1002/ca.22620. IF=1.33 ISSN 0897-3806 (Print)1098-2353(Electronic), 0897-3806 (Linking)  
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17. Atallah N, Vasiiu R, **Boșca AB**, Crețu DI, Georgiu C, Constantin AM, Șovrea AS. Microglia – performers of the 21st century Rom J Morphol Embryol 2014, 55(3):745-765 IF=0.66 ISSN (print) 1220-0522 ISSN (on-line) 2066-8279  
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19. Vornicescu C, **Boșca B**, Crișan D, Yacoob S, Stan N, Filip A, Șovrea A. Neuroprotective effect of melatonin in experimentally induced hypobaric hypoxia Rom J

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1. Ilea A, Vâjâean C, Hurubeanu LC, **Boșca B**, Țărmure V, Trombitaș VE, Câmpian RS, Albu S. The Use of Digital Imaging in the Evaluation of Perception in Facial Asymmetry Caused by Facial Nerve Disorders. International Federation for Medical and Biological Engineering (IFMBE) Proceedings ISI, Volum 44, 2014, pg. 27-30. DOI: 10.1007/978-3-319-07653-9\_6, © Springer International Publishing Switzerland 2014 Print ISBN 978-3-319-07652-2 Online ISBN 978-3-319-07653-9  
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**Articole *in extenso* in reviste cotate BDI în calitate de autor principal**

1. Băbțan AM, Petrescu NB, Ionel A, **Boșca BA**, Uriciuc WA, Feurdean CN, Mirică CI, Bordea R, Miclăuș V, Ruxanda F, Todea AD, Alexescu TG, Câmpian RS, Ilea A. Insights into the pathogenesis of nicotine addiction. Could a salivary biosensor be useful in Nicotine Replacement Therapy (NRT)? J Mind Med Sci. 2019; 6(2): 196-209. DOI: 10.22543/7674.62.P196209 ISSN: 2392-7674 Autor corespondent  
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2. Băbțan AM, **Boșca AB**, Petrescu BN, Mirică CI, Crișan M, Câmpian RS, Ilea A. Use of Ultrasound Investigation in the Treatment Plan of Apical Surgery Relapse. Biomed J Sci & Tech Res. 2019;19(1):13983-87. BJSTR. MS.ID.003230, DOI: 10.26717/BJSTR.2019.19.003230, ISSN: 2574-1241. Autor corespondent  
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3. Ilea A, Timuș D, Sorițău O, Vulpoi A, **Boșca BA**, Pall E, Petrescu BN, Băbțan AM, Câmpian RS, Șovrea AS. Interaction of stem cells derived from maxillary and mandibular bone with salts from culture medium. Front Nanosci Nanotech 5: 2019; DOI: 10.15761/FNN.1000180. Autor corespondent  
<https://www.oatext.com/interaction-of-stem-cells-derived-from-maxillary-and-mandibular-bone-with-salts-from-culture-medium.php>
4. Ilea A, Lazăr AC, Bojor AV, Inceu GV, Mesaros AS, Câmpian RS, Băbțan AM, Petrescu NB, **Boșca AB**. Oral Health Status in a Group of Patients with Type 2 Diabetes Mellitus. Curr Trends Biomedical Eng & Biosci. 2019; 17(4): 555969. DOI: 10.19080/CTBEB.2019.17.555969. ISSN: 2572-1151 Ultim autor  
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5. Ilea A, Lazăr AC, Roșca D, Fărcaș AD, Mesaros AS, Câmpian RS, Băbțan AM, Petrescu NB, **Boșca AB**. Periodontitis in a group of patients with cardiovascular

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8. Uriciuc W A, Vermeșan H, **Boșca AB**, Ilea A. Interaction of Saliva with Cobalt-Chromium-Based Dental Alloys in Casted Prosthetic Pieces. *Curr Trends Biomedical Eng & Biosci*. 2018; 14(2): 555882. ISSN: 2572-1151; DOI: 10.19080/CTBEB.2018.14.555882.  
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<https://biomedres.us/pdfs/BJSTR.MS.ID.001349.pdf>

10. Petrescu BN, Băbțan AM, Sorițau O, Buhățel D, Ionel A, Feurdean CN, **Boșca AB**, Câmpian RS, Ilea A. Stem Cells in Head and Neck Cancers Pathogenesis: Are Advanced Glycation End Products (AGEs) Involved? *Biochem Mol Biol J* 2018;4(2):12. ISSN 2471-8084; DOI: 10.21767/2471-8084.100061 Autor corespondent  
<http://biochem-molbio.imedpub.com/stem-cells-in-head-and-neck-cancers-pathogenesis-are-advanced-glycationend-products-ages-involved.php?aid=22860>

11. Ilea A, Miclaus V, Ruxanda F, **Bosca AB**, Campian RS, Petrescu NB, Babant AM, Mesaros AS. Osteoclasts recruitment in internal root resorption associated with external granuloma. *Integrative Molecular Medicine*. 2018;5(5):1-4 ISSN: 2056-6360 autori UMF=6  
Autor corespondent  
<https://www.oatext.com/osteoclasts-recruitment-in-internal-root-resorption-associated-with-external-granuloma.php>

12. Aranka Ilea, Nausica Bianca Petrescu, Ioana Roxana Bordea, Claudia Nicoleta Feurdean, Anca Ștefania Mesaroș, Anida Maria Băbțan, **Bianca Adina Boșca**, Mihaela

Hedeșiu, Radu Septimiu Cămpian. The Diagnostic Challenges of Pain in Temporomandibular Joints Area. *Anatomy Physiol Biochem Int J*: 2018; 4(4): 555646. DOI: 10.19080/APBIJ.2018.04.555646 All authors have equal contribution <https://juniperpublishers.com/apbij/APBIJ.MS.ID.555646.php>

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