

Listă lucrări candidat Boarescu Paul-Mihai

1. Lucrări relevante

1. „Ginger (*Zingiber officinale*) Root Capsules Enhance Analgesic and Antioxidant Efficacy of Diclofenac Sodium in Experimental Acute Inflammation”. Boarescu I, Pop RM, **Boarescu PM***, Bocșan IC, Gheban D, Bulboacă AE, Buzoianu AD, Bolboacă SD. *Antioxidants* 12 (3): 745, 2023, FI 7,675;
2. „Practical Approaches to Transvenous Lead Extraction Procedures—Clinical Case Series”. **Boarescu PM**, Popa ID, Trifan CA, Roșian AN, Roșian ȘH. *International Journal of Environmental Research and Public Health*. 20 (1): 379, 2022, FI 4,614;
3. „Transvenous Lead Extraction Procedure—Indications, Methods, and Complications”. **Boarescu PM**, Roșian AN, Roșian ȘH. *Biomedicines*, 10 (11): 2780, 2022, FI 4,757;
4. „Anti-Inflammatory and Analgesic Effects of Curcumin Nanoparticles Associated with Diclofenac Sodium in Experimental Acute Inflammation”. Boarescu I, Pop RM, **Boarescu PM***, Bocșan IC, Gheban D, Râjnoveanu RM, Râjnoveanu A, Bulboacă AE, Buzoianu AD, Bolboacă SD. *International Journal of Molecular Science*. 23 (19): 11737, 2022, FI 6,208;
5. „Evaluation of Oxidative Stress Biomarkers, Pro-Inflammatory Cytokines, and Histological Changes in Experimental Hypertension, Dyslipidemia, and Type 1 Diabetes Mellitus”. **Boarescu PM**, Boarescu I, Pop RM, Roșian ȘH, Bocșan IC, Rus V, Mada RO, Popa ID, Neagu N, Bulboacă AE, Buzoianu AD, Bolboacă SD. *International Journal of Molecular Sciences*. 23(3):1438, 2022, FI 5.924;
6. “Curcumin Nanoparticles Enhance Antioxidant Efficacy of Diclofenac Sodium in Experimental Acute Inflammation”. I Boarescu, **PM Boarescu***, RM Pop, IC Bocșan, D Gheban, RM Râjnoveanu, A Râjnoveanu, AE Bulboacă, AD Buzoianu, SD Bolboacă. *Biomedicines*. 10(1): 61, FI 6.081;
7. “Multi-Organ Protective Effects of Curcumin Nanoparticles on Drug-Induced Acute Myocardial Infarction in Rats with Type 1 Diabetes Mellitus”. **PM Boarescu**, I Boarescu, AE Bulboacă, IC Bocșan, RM Pop, D Gheban, RM Râjnoveanu, A Râjnoveanu, ȘH Roșian, AD Buzoianu, SD Bolboacă. *Applied Sciences*. 11(12): 5497, 2021, FI 2.679;
8. “Antioxidant and Anti-Inflammatory Effects of Curcumin Nanoparticles on Drug-Induced Acute Myocardial Infarction in Diabetic Rats”. **Boarescu PM**, Boarescu I, Bocșan IC, Gheban D, Bulboacă AE, Nicula C, Pop RM, Râjnoveanu RM, Bolboacă SD. *Antioxidants*, 8(10):504, 2019, FI 4.52
9. “Curcumin Nanoparticles Protect against Isoproterenol Induced Myocardial Infarction by Alleviating Myocardial Tissue Oxidative Stress, Electrocardiogram, and Biological Changes”. **Boarescu PM**, Boarescu I, Bocșan IC, Gheban D, Bulboacă AE*, Nicula C*, Pop RM, Râjnoveanu RM, Bolboacă SD. *Molecules*. 24(15):2802, 2019, FI 3.098.

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10. "Effects of Curcumin Nanoparticles in Isoproterenol-Induced Myocardial Infarction".
Boarescu PM, Chirilă I, Bulboacă AE, Bocșan IC, Pop RM, Gheban D, Bolboacă SD.
Oxidative Medicine and Cellular Longevity. 2019: 7847142, 2019, FI 4.863.

b) Teza de doctorat

Teza de doctorat cu titlul "**Efectele curcuminei în infarctul miocardic indus experimental**" elaborată sub coordonarea Prof. Dr. Sorana D. Bolboacă în cadrul Școlii Doctorale UMF "Iuliu Hațieganu" Cluj-Napoca a fost susținută public în anul 2020 cu calificativul **Excelent**.

c) Brevete de invenție și alte titluri de proprietate industrial

d) Cărți și capitole în cărți;

1. Nutraceuticals: Evidence Based Use, Raluca Maria Pop (Editor), autor unic al capitolului Evidence of Nutraceuticals in the in Vitro and in Vivo Studies, 28 pagini, Nova Science Publishers, New York, 2020;
2. Ghid de laborator pentru fiziopatologie generală și oromaxilofacială, Ramona-Niculina Jurcău, Alina Elena Pârvu, Adriana Elena Bulboacă, Mihai Blidaru, Florinela Adriana Cătoi, Camelia Manuela Mîrza, Meda Sandra Orăsan, Iulia Ioana Morar, Andra-Diana Andreicuț, Iulia Olimpia Pfingstgraf, **Paul Mihai Boarescu**, Teodora-Irina Bonei, Elisabeta Ioana Chera. Coautor carte, 143 pagini, EDITURA MEDICALĂ UNIVERSITARĂ "IULIU HAȚIEGANU" Cluj-Napoca, 2019;
3. Laboratory study guide for general and oro-maxilo-facial pathophysiology, Camelia Manuela Mîrza, Alina Elena Pârvu, Adriana Elena Bulboacă, Mihai Blidaru, Florinela Adriana Cătoi, Ramona-Niculina Jurcău, Meda Sandra Orăsan, Iulia Ioana Morar, Andra-Diana Andreicuț, Iulia Olimpia Pfingstgraf, **Paul Mihai Boarescu**, Teodora-Irina Bonei, Elisabeta Ioana Chera. Coautor carte, EDITURA MEDICALĂ UNIVERSITARĂ "IULIU HAȚIEGANU", Cluj-Napoca, 2019.

e) Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal;

I. Articole științifice în extenso în reviste științifice indexate Web of Science cu factor de impact, autor principal

1. "The Effect of Nano-Epigallocatechin-Gallate on Oxidative Stress and Matrix Metalloproteinases in Experimental Diabetes Mellitus". Bulboacă AE, **Boarescu PM***, Porfire AS, Dogaru G, Barbalata C, Valeanu M, Munteanu C, Râjnoveanu RM, Nicula CA, Stanescu IC. Antioxidants, 2020, Feb 20; 9(2):172. FI 4.52;

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2. "Liposomal Curcumin is Better than Curcumin to Alleviate Complications in Experimental Diabetic Mellitus". Bulboacă AE, Porfire AS, Tefas LR, **Boarescu PM***, Bolboacă SD*, Stănescu IC, Bulboacă AC, Dogaru G. *Molecules*. 2019 Jan;24(5):846. FI 3.098;

II. Articole științifice în extenso în reviste științifice indexate Web of Science cu factor de impact, co-autor

1. "Comparative Protective Effect of Nigella sativa Oil and Vitis vinifera Seed Oil in an Experimental Model of Isoproterenol-Induced Acute Myocardial Ischemia in Rats", Bocsan IC, Pop RM, Sabin O, Sarkandy E, **Boarescu PM**, Roșian ȘH, Leru PM, Chedea VS, Socaci SA, Buzoianu AD. *Molecules*, 2021, 26(11), 3221. 2021. FI 4.412;
2. "Protective Effects of Liposomal Curcumin on Oxidative Stress/Antioxidant Imbalance, Metalloproteinases 2 and -9, Histological Changes and Renal Function in Experimental Nephrotoxicity Induced by Gentamicin" . Bulboacă AE, Porfire A, Bolboacă SD, Nicula CA, Feștilă DG, Roman A, Râjnoveanu RM, Râjnoveanu A, Dogaru G, **Boarescu PM**, Rus V, Bulboacă CA, Bulboacă AI, Stănescu I. *Antioxidants*. 2021 Feb 22; 10(2):325, 2021. FI 5.014;
3. "ECG Markers of Cardiovascular Toxicity in Adult and Pediatric Cancer Treatment". Spînu Ș, Cismaru G, **Boarescu PM**, Istratoaie S, Negru AG, Lazea C, Căinap SS, Iacob D, Grosu AI, Saraci G, Burz C, Cismar AC. *Disease Markers*. Volume 2021, Article ID 6653971. 2021. FI 2.738;
4. "An exploratory association analysis of ABCB1 rs1045642 and ABCB1 rs4148738 with non-major bleeding risk in atrial fibrillation patients treated with dabigatran or apixaban". Roșian AN, Iancu M, Trifa AP, Roșian SH, Mada C, Gocan CP, Niță T, Istratoaie S, **Boarescu PM**, Buzoianu AD *Journal of Personalized Medicine*. 2020, 10(3), 133, 2020, FI 4.433;
5. „Microfluidic endothelium-on-a-chip development, from in vivo to in vitro experimental models”, Bulboacă AE, **Boarescu PM**, Melincovici CS*, Mihiu CM *Rom J Morphol Embryol*, 2020, 61(1):15–23, 2020, FI 1.411;
6. "Gender Differences in the Levels of Periodontal Destruction, Behavioral Risk Factors and Systemic Oxidative Stress in Ischemic Stroke Patients: A Cohort Pilot Study". Stănescu I, Bulboacă AE, Micu IC, Bolboacă SD, Feștilă DG, Bulboacă AC, Bodizs G, Dogaru G, **Boarescu PM**, Popa-Wagner A, Roman A. *Journal of Clinical Medicine*, 2020 June 4; 9(6):1744.2020. FI 5.688;
7. "Effect of Liposomal Curcumin on Acetaminophen Hepatotoxicity by Down-regulation of Oxidative Stress and Matrix Metalloproteinases" Dogaru G, Bulboacă AE, Gheban D, **Boarescu PM**, Rus V, Feștilă D, Sitar-Taut AV, Stănescu I. *In Vivo*. 2020 Mar-Apr 2020;34(2):569-582. 2020. FI 1.609;

8. "Comparative Effect Of Curcumin Versus Liposomal Curcumin On Systemic Pro-Inflammatory Cytokines Profile, MCP-1 And RANTES In Experimental Diabetes Mellitus" Bulboacă AE, **Boarescu PM**, Bolboacă SD, Blidaru M, Feștilă D, Dogaru G, Nicula CA. Int J Nanomedicine 2019 Nov 18;14:8961-8972. 2019, FI 4.471;
9. "The effect of liposomal epigallocatechin gallate and metoclopramide hydrochloride co-administration on experimental migraine" Bulboacă AE, Porfire A, Barbălată C, Bolboacă SD, Nicula C, **Boarescu PM**, Stănescu I, Dogaru G. FARMACIA, 2019, 67(5):905-911, 2019,FI 1.527;
10. "The Effect of Mofettes on Oxidative Stress/Antioxidant Balance in Experimental Myocardial Ischemia". Dogaru G, Bulboacă A, **Boarescu PM**, Ciumarnean L, Rus V, Sitar-Taut AV, Munteanu C, Bodisz G, Stanescu I. In Vivo. 2019 Nov-Dec;33(6):1911-1920. 2019, FI 1.609;
11. "The effect of carbonated natural mineral water on oxidative stress in experimental myocardial ischemia". Dogaru G, Bulboacă A, Stanescu I, Rus V, Bodisz G, Ciumarnean L, Munteanu C, **Boarescu PM**, Neagos A, Feștilă D. Revista de Chimie. 2019 70(7):2677-2680. 2019, FI 1.685;
12. "Catheter ablation of a right posterior accessory pathway in a patient with left ventricular noncompaction: A case report". Cojan-Minzat BO, **Boarescu PM**, Cismaru G, Rosu R, Cionca C, Pop D, Zdrengea D, Agoston-Coldea L. Medicine. 2019 Feb;98(5), 2019. FI 2 .028.

III. Articole științifice în extenso în reviste științifice indexate Web of Science fără factor de impact, autor principal

1. "Pallidopyramidal Syndrome and Hereditary Spastic Paraplegia common features and diagnostic approach and therapeutic considerations". Bulboacă CA, Blidaru M, Feștilă D, **Boarescu PM***, Stanescu I. Balneo Research Journal, 2019; 10(3):265–271;
2. "Experimental model of acute myocardial infarction for evaluation of prevention and rehabilitation strategies in cardiovascular diseases – a pilot study". **Boarescu PM**, Boarescu I, Bocșan IC, Pop RM, Gheban D, Bulboacă AE, Dogaru G, Bolboacă SD. Balneo Research Journal. 2019; 10(3):288–293;
3. "Homonymous hemianopsia versus unilateral spatial neglect rehabilitation". Bulboacă AE, Bulboacă A, Stanescu I, **Boarescu PM***, Chirilă I, Bulboacă A, Dogaru G. Balneo Research Journal . 2019; 10(2):67–73.
4. "The importance of visuo-motor coordination in upper limb rehabilitation after ischemic stroke by robotic therapy". Bulboacă A, Stanescu I, Dogaru G, **Boarescu PM***, Bulboacă AE Balneo Research Journal. 2019;10(2):82–89;

IV. Articole științifice în extenso în reviste științifice indexate Web of Science fără factor de impact, co-autor

1. "Oxidative stress/antioxidant balance implication in reducing of intra-ocular pressure in patients with stroke, nicergoline therapy and open-angle glaucoma". Bulboaca AE, Nicula C, Bulboaca A, Blidaru M, **Boarescu PM**, Festila D, Dogaru G, Stanescu I. Balneo Research Journal. 2019;10(3):259-264. 2019;
2. "Variation of the PR interval for confirming ventricular pre-excitation on a 12-lead ECG". Aursulesei S, Simu G, Florea C, **Boarescu P**, Gheorghiu C, Frangu F, Cismaru G, Puiu M, Rosu R, Zdrenghia D, Pop D. Oxford Medical Case Reports. 2018;10:306–310.

V. Listă de articole științifice în extenso în reviste neindexate Web of Science

1. „Fractal Analysis of Retinal Vessels and their Relationship with Cerebral Microcirculation Pathology–A Narrative Review”. **Boarescu PM**, Bulboacă AE. Applied Medical Informatics. 2020;42(3):126-132.
2. "Clinical Significance of Increased Serum Levels of Troponin I in Patients from the Emergency Department of a County Hospital “. **Boarescu PM**, Chirila I, Bulboaca AE, Mada RO, Goidescu CM, Mocan-Hognogi DL, Buzuriu A, David AM, Cotut A, Vida-Limiti LA. Revista de Chimie. 2020 ;71(2): 68-73.
3. " Medical Education–From Traditional Learning Methods to E-Learning Methods" But VM, Bulboacă AI, Bolunduț D, **Boarescu PM**, Bulboacă AE. Applied Medical Informatics. 2020;42(1):1-8.

f) Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate;

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g) Alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice.

I. " Managementul complex al tahicardiei ventriculare", **Boarescu PM**, Simu G, Puiu M. Revista rezidentului. 2019;14:13-15;

II. Articole publicate în rezumat în reviste și volumele unor manifestări științifice cu ISBN sau ISSN:

1. "Development and validation of an experimental model of atherosclerosis - a study protocol". **PM Boarescu**, N Neagu, I Boarescu, IC Bocșan, V Rus, AE Bulboacă, RM Pop, ȘH Roșian, SD Bolboacă. Medicine and Pharmacy Reports. Supplement No. 4, Vol. 94, 2021 : S10;
2. "Grape seed oil protective effects in a rat experimental model of myocardial infarction". RM Pop, IC Bocșan, **PM Boarescu**, VS Chedea, AD Buzoianu Medicine and Pharmacy Reports. Supplement No. 4, Vol. 94, 2021 : S11-12
3. "Anti-edematogenic effects of curcumin and curcumin nanoparticles in addition to diclofenac sodium in carrageenan-induced paw edema".I Boarescu, **PM Boarescu**, IC



- Bocșan, RM Pop, D Gheban, AE Bulboacă, SD Bolboacă. Medicine and Pharmacy Reports. Supplement No. 4, Vol. 94, 2021 : S14;
4. "Cardioprotective effects of curcumin nanoparticles on druginduced acute myocardial infarction in diabetic rats". PM Boarescu, I Boarescu, IC Bocșan, D Gheban, AE Bulboacă, C Nicula, RM Pop, RM Răjnoveanu, SD Bolboacă. Medicine and Pharmacy Reports. Supplement No. 2, Vol. 93, 2020 : S26;
 5. "Endometrial cancer as a possible etiology for stroke in a young patient". I Boarescu , **PM Boarescu**, AE Bulboacă, Sorana D. Bolboacă. Medicine and Pharmacy Reports. Supplement No. 2, Vol. 93, 2020 : S28;
 6. "Genetic polymorphisms of cytokines in asthma and allergic rhinitis". IC Bocsan, RM Pop, S Pasca, I Chirila, **P Boarescu**, A Muntean, V Stefan, D Deleanu, AD Buzoainu. World Allergy Organization Journal. 2020, 13(8):P070;
 7. "Conventional vs. e-learning in medical education". But VM, Bolundut D, Bulboacă AI, **Boarescu PM**, Bulboacă AE, Applied Medical Informatics , 2019 Supplement1, 41:9-9.
 8. "Antioxidative effects of curcumin on experimental induced myocardial infarction in rats" **Boarescu PM**, Boarescu I, Bulboacă AE, Bocșan IC, Pop RM, Gheban D, But VM; Bolboaca SD. Acta Medica Marisiensis 2019 Supplement, 65:7-7
 9. "The anti-inflammatory effects of curcumin nanoparticles in experimental induced myocardial infarction." **Boarescu PM**, Boarescu I, Bulboacă AE, Bocșan IC, Pop RM, Gheban D, Bolundut D, Bolboacă SD. Acta Medica Marisiensis. 2019 Supplement, 65:7-7
 10. "Recurrent monomorphic nonsustained ventricular tachycardia in a young patient – clinical case". Pepine D, Gușetu G, **Boarescu PM**, Cismaru G, Roșu R, Puiu M, Zdrenghia D, Pop D. Romanian Journal of Cardiology 2019;29(Sup. 2019):215
 11. "The management of inappropriate ICD therapies in patients of the Clinical Rehabilitation Hospital Cluj-Napoca". Mocanu L, Pepine D, **Boarescu P**, Wassmuth A, Cismaru G, Roșu R, Puiu M, Gușetu G, Zdrenghia D. Romanian Journal of Cardiology. 2019;29(Sup. 2019):250;
 12. "Catheter ablation without X-ray exposure in children". **Boarescu PM**, Cismaru G, Gheorghiu C, Aursulesei S, Roșu R, Puiu M, Zdrenghia D, Pop D. Romanian Journal of Cardiology. 2018;28(Sup. 2018):135-136
 13. "Ventricular tachycardia in a patient with left ventricular noncompaction cardiomyopathy" **Boarescu PM**, Cismaru G, Gheorghiu C, Aursulesei S, Roșu R, Puiu M, Zdrenghia D, Pop D. Romanian Journal of Cardiology 2018;28(Sup. 2018):269-270

Data 30.05.2023

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