



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Bojin, Maria-Florina**
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E-mail florinabojin@umft.ro
Nationality Romanian
Date of birth 02.02.1976
Gender Female

Work experience

Dates	October 2011 - present
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching in Physiology, research in Immunology
Name and address of employer	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Type of business or sector	Higher education
Dates	2006 - 2011
Occupation or position held	Assistant Teaching Professor
Main activities and responsibilities	Teaching in Physiology, research in Immunology
Name and address of employer	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Type of business or sector	Higher education
Dates	2004 - 2010
Occupation or position held	PhD student in Medical Sciences
Main activities and responsibilities	Research of stem cells plasticity
Name and address of employer	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Type of business or sector	Higher education

Education and training

Dates	December 2010 - present
Title of qualification awarded	Postdoctoral fellowship
Principal subjects/occupational skills covered	Comparative analysis of normal mesenchymal stem cells and tumor microenvironment
Name and type of organisation providing education and training	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Dates	2004 - 2010
Title of qualification awarded	PhD in Medical Sciences
Principal subjects/occupational skills covered	Research of stem cells plasticity – “Investigations regarding mesenchymal stem cells plastic capacity”

Name and type of organisation providing education and training	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Dates	2006-2011
Title of qualification awarded	Specialist physician in Laboratory Medicine
Principal subjects/occupational skills covered	Resident doctor in Laboratory medicine
Name and type of organisation providing education and training	Clinical Emergency County Hospital Timisoara, Romania
Dates	2002-2003
Title of qualification awarded	Debutant Physician
Principal subjects/occupational skills covered	General medicine
Name and type of organisation providing education and training	Clinical Hospital no.4 Victor Babes, Timisoara, Romania
Level in national or international classification	ISCED 5
Dates	1995-2001
Title of qualification awarded	Physician
Principal subjects/occupational skills covered	General Medicine
Name and type of organisation providing education and training	Victor Babes University of Medicine and Pharmacy Timisoara, Romania
Level in national or international classification	ISCED 5

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user

(*) Common European Framework of Reference for Languages

Training courses (selected)

- Summer School "Integrated Medical Curriculum – eMediqual Summer School 2012", Cluj-Napoca, 17-21 September 2012
- Summer School „Clinical Skills”, Medical University of Vienna, Austria, 2011
- Training Course: "Transdifferentiation to Beta Cells", Juvenile Diabetes Research Foundation, Center for Beta Cell Therapy in Diabetes , Gentofte, Denmark, 2008
- Training Course: "Strategies in directed differentiation of ES cells into mature cell types for therapy", Juvenile Diabetes Research Foundation, Center for Beta Cell Therapy in Diabetes, University of Bath, UK, 2007
- Training Course: "Cell Programming to Beta Cells", Juvenile Diabetes Research Foundation, Center for Beta Cell Therapy in Diabetes, Strasbourg, France, 2006
- "Cultivation of mesenchymal stem cells", Stem Cell Biology research group of PD Dr. Reinhard Henschler at the Institute for Transfusion Medicine and Immunohaematology, Johann Wolfgang Goethe University, Frankfurt am Main, Germany, 2006
- Postgraduate training on implementation of European Quality System for Tissue Banking in Romania, Istituti Ortopedici Rizzoli – Banca del Tessuto, Bologna, Italy, 2007
- Summer school „Pathologie et Pharmacologie Moleculaires. Biotechnologies", Arad, Romania, 2007
- Management of Medical and Pharmaceutical Research Projects, Timisoara 2005

Social skills and competences

- Team spirit, good communication skills
- Good ability to adapt to multicultural environments, gained through the training stages and visits abroad

Organizational skills and competences	- I have organized Romanian scientific events with international participation: Angiogenesis: present and future , 26-28 March, 2009, Timisoara; 41th National Conference of Immunology , 2011, 22-24 September, Timisoara with international participation; The 11th National Congress of the Romanian Society of Physiological Sciences , 10-12 May, 2012, Timisoara
Personal focus. Technical skills and competences	Excellent skills in different laboratory techniques involving stem cell plasticity studies, molecular biology
Computer skills/competences	Good command of Microsoft Office™ tools
Additional information	<p>MEMBERSHIP OF PROFESSIONAL ORGANISATIONS:</p> <ul style="list-style-type: none"> - Federation of European Physiological Sciences - Romanian Society of Physiological Sciences - Romanian Society of Immunology - European Society of Human Genetics - Romanian Society of Genetics - Romanian Society of Cellular Biology - International Federation of Cell Biology - Extracorporeal Life Support Organization - European Association for Cancer Research <p>Member of the Editorial Board of Fiziologia-Physiology Journal</p> <p>BOOKS:</p> <p>Applied Physiology – Demonstrations and explorations for Dental Medicine, Gabriela Tanasie, Smaranda Rodica Gotia, Carmen Tatu, Daciana Nistor, Daniela Crisnic, Laura Smaranda Gotia, Florina Mirea. Mirton Ed., Timisoara, 2006, ISBN: (10) 973-661-981-8, (13) 978-973-661-981-6;</p> <p>Medical Physiology Compendium, Ioana Raluca Siska, Daciana Nistor, Carmen Tatu, Florina Mirea. Eurostampa Ed., Timisoara, 2005, ISBN: 973-687-369-2</p> <p>Adipocytes – “In vitro” differentiation models, Florina Bojin, Eurostampa Ed., Timisoara 2010, ISBN: 978-606-569-139-1</p> <p>Elements of Physiologic Hematology, Carmen Tatu, Gabriela Tanasie, Daniela Puscasiu, Florina Bojin, Orizonturi Universitare Ed., 2010, ISBN: 978-973-638-455-4</p> <p>PRIZES:</p> <ol style="list-style-type: none"> 1. „Best Presentation Award” at Bilateral Cooperation of Doctoral Schools Timisoara-Szeged an European Model for Setting up a Doctoral Program in the Medical Field, 2009 2. “Grigore Ghyka” – Clinical Immunology prize for “Adipocytes-induced changes in tumor microenvironment and cancer cells behavior” poster presentation in Joint Meeting Immunology and Clinical Allergology, 2010 3. “Young Experienced Researchers” – XXVth Conference of Romanian Society of Physiological Sciences, Tg. Mures, 26-28 May, 2011 4. “Best Poster Award” at the Conference and Advanced Research Workshop “Sudden Cardiac Death & Cardioprotection”, 6-9 September 2012, Timisoara
Annexes	<ul style="list-style-type: none"> - Annex 1, List of research projects; - Annex 2, List of main papers published in the last five years.

Annex 1 – THE LIST OF RESEARCH PROJECTS

Project / Program	Position held	Period
INTERNATIONAL		
Cultivated Adult Stem Cells as Alternative for Damaged tissue - CASCADE , proposal reference number: FP7-223236, ranked up to 13.5 from 15 and financed in FP7, IInd call	Team member	2009-2011
NATIONAL		
Translating stem cell technologies to the conservation of highly endangered species , PNII-Parteneriate, No.120/2012	Team member	2012-2015
Tumor-associated fibroblasts as novel target in anti-tumor therapy – identification of origin, role and characteristic molecular markers , PNII-IDEI UEFISCDI No. 318/2011	Team member	2012-2014
Cellular and Molecular Biotechnologies on Medical Applications , FSE POSDRU/89/1.5/S/60746	Team member	2010-2013
Researches on mesenchymal stem cells plasticity , UMF “Victor Babes” Timisoara, No. 8844/2009	Project Director	2009-2010
Specializing for performance, efficiency and response in the field of organ transplant (SPER) POS DRU no. ID_59616	Team member	2009-2012
Studies regarding in vitro differentiation of mesenchymal stem cells towards adipocytes and validation of molecular factors involved in adipogenesis , II National Research and Development Plan (PN II), IDEI-No. 1748/2008	Team member	2008-2011
Molecular and cellular mechanisms involved in differentiation of mesenchymal stem cells towards the epithelial lineage , II National Research and Development Plan (PN II), IDEI-No. 198/2007	Team member	2007-2010
Optimizing the prevention methods for allergic patient management efficiency , (PREVALERG), II National Research and Development Plan (PN II) / Partnerships Module No. 41-011/2007	Team member	2007-2009
Reconstruction of bone segmentary defects through biomimetic matrices colonised with osteogenic cells (RECON-OS) , PN II / Partnerships Module No. 41-091/2007	Team member	2007-2009
Genetic engineering of tumour stem cells for immunomodulation in cancers of non-viral origin. (ONCOSTEM) , PN II / Partnerships Module No. 41-019/2007	Team member	2007-2009
Innovative bio-ortopedic methods for articular reconstruction , CEEEX/2006, Module I , VIASAN no. 70 (BIOART)	Team member	2006-2008
Promotion of stem cell therapy research (PRO CEL-TERA) Romanian “Research of Excellence Programme” (CEEEX) / Module III No. 206	Team member	2006-2008
Nanocontrol and multifunctionality in materials, micro-layers and architecture with shape memory , MATNANTECH - CEEEX No. 7/2005	Team member	2005-2008
RO-NANOMED, nanomedicine national integrated network (MATNANTECH-42) , CEEEX/2005, Module I	Team member	2006-2008
Development of innovative therapies in osteoarticular reconstruction , CEEEX VIASAN 45/2005	Team member	2005-2008
Stem cell therapy for vascular regeneration and reconstruction , CEEEX VIASAN 44/2005 (ANGIOSTEM),	Team member	2005-2008
Development of a regional bank of stem cells from umbilical cord blood and placenta for autologous and autogenous transplantation , VIASAN No. 308/2004	Team member	2004 - 2006

Annex 2 - MAIN PUBLISHED PAPERS

• Papers published in database journals

1. **Bojin FM**, Gruita AT, Cristea MI, Ordodi VL, Paunescu V, Mic FA. Adipocytes Differentiated In Vitro from Rat Mesenchymal Stem Cells Lack Essential Free Fatty Acids Compared to Adult Adipocytes. *Stem Cells and Development*. 2012, 21(4): 507-12.
2. Cean A, Istratoaie B, Cristea M, Ivan A, Anghel S, **Bojin F**, Tanasie G, Tatu C, Panaiteescu C, Paunescu V. The morphology of colonies from breast cancer sk-br-3 cells in semisolid media depends on the media composition. *Fiziologia - Physiology*, 2012; 22(75): 5-8.
3. Ivan Boleman A, Tanasie G, Galuscan A, Cristea MI, **Bojin FM**, Panaiteescu C, Paunescu V. Studies regarding the *in vitro* wound healing potential of mouse dental pulp stem-like progenitor cells. *Biotechnol. & Biotechnol. Eq.*, 2012; 26(1): 2781-5.
4. **Bojin FM**, Gavriluc OI, Cristea MI, Tanasie G, Tatu CS, Panaiteescu C, Paunescu V. Telocytes within human skeletal muscle stem cell niche. *J Cell Mol Med*. 2011; 15(10):2269-2272.
5. Paunescu V, **Bojin FM**, Tatu CA, Gavriluc OI, Rosca A, Gruia AT, Tanasie G, Bunu C, Crisnic D, Gherghiceanu M, Tatu FR, Tatu CS, Vermesan S. Tumour-associated fibroblasts and mesenchymal stem cells: more similarities than differences. *J Cell Mol Med.*, 2011; 15(3):635-646.
6. **Bojin F**, Ordodi V, Anghel S, Gruia A, Gavriluc O, Georgescu R, Vintila R, Tatu C, Bunu C, Tatu CA, Tanasie G, Paunescu V. Mesenchymal stem cells admix with biological scaffold heal bone defects in rat model. *Romanian Biotechnological Letters*, 2011; 16(3): 6218-6225.
7. Tanasie G, **Bojin F**, Ordodi V, Gruia A, Gavriluc O, Cristea M, Dehelean C, Vintila R, Tatu C, Bunu C, Paunescu V. Epithelization of skin lesions in animal model treated with mesenchymal stem cells and derivatives. *Romanian Biotechnological Letters*, 2011; 16(2): 6072-6080.
8. **Bojin F**, Gavriluc O, Ordodi V, Cristea M, Anghel S, Crisnic D, Nistor D, Tatu C, Tanasie G, Panaiteescu C, Paunescu V. Controversies related to cell cultures obtained from various tissular samples. *Fiziologia - Physiology*, 2011; 21(72): 4-9.
9. Gavriluc OI, **Bojin FM**, Rosca A, Tatu CA, Paunescu V. Silencing of the Her2 Gene by RNA Interference Inhibits Proliferation of Breast Cancer Cell Line SK-BR3. *Fiziologia - Physiology*, 2011; 21(71): 4-9.
10. Ciurlea S, **Bojin FM**, Csanyi E, Ionescu D, Borcan F, Galuscan A, Dehelean CA. Evaluation of Skin Parameters Changes in Chemical and Photochemical Initiated Tumors on SKH1 Mice. *Fiziologia - Physiology*, 2011; 21(71): 18-22.
11. **Bojin F**, Tatu CA, Gavriluc O, Gruia A, Tanasie G, Tatu C, Cristea M, Ciuculescu F, Tocut A, Crisnic D, Carabineanu A, Nistor D, Bunu C, Paunescu V. Stromal cells – tumor microenvironment interactions – Part II. *Fiziologia - Physiology*, 2010; 20(66): 31-36.
12. **Bojin F**, Tatu CA, Gavriluc O, Gruia A, Tanasie G, Tatu C, Cristea M, Ciuculescu F, Tocut A, Crisnic D, Carabineanu A, Nistor D, Bunu C, Paunescu V. Stromal cells – tumor microenvironment interactions – Part I. *Fiziologia - Physiology*, 2010; 20(65): 37-41.
13. Tatu C, Tanasie G, **Bojin F**, Tatu RF, Puscasiu D, Bunu C. Stem cells for heart repair. *Fiziologia - Physiology*, 2010; 20(67): 4-7.
14. Cristea M, Gruia A, **Bojin F**, Gai E, Moica V, Boldeanu F, Tanasie G, Tatu C, Paunescu V. *Aristolochia Clematitis* in Medicine: the good and the bad. *Fiziologia - Physiology*, 2010; 20(65): 26-28.
15. Cristea M, Gruia A, **Bojin F**, Gai E, Moica V, Boldeanu F, Tanasie G, Tatu C, Paunescu V. Adhesion behavior and functional studies on normal and tumoral cells exposed to *Aristolochia Clematitis* aqueous extracts. *Analele Stiintifice al Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara*, 2010; XI(2-3): 107-113.
16. Anghel S, **Bojin F**, Igna C, Tanasie G, Tatu CA, Seres M, Tatu C, Luca C, Ordodi V, Gruia A, Rosca A, Gurban C, Georgescu R, Paunescu V. Comparison between differentiation potential of dog periosteum-derived cells and bone marrow-derived cells to osteogenic, chondrogenic and adipogenic lineages. *Fiziologia - Physiology*, 2010, 20(65): 21-25.
17. David VL, Izvernariu DA, **Bojin F**, Gavriluc O, Popoiu MC, Tanasie G, Puiu M, Boia ES. Insulin growth factor I involvement in the etiology of pectus excavatum in children. *Fiziologia - Physiology*, 2010; 20(65): 17-20.
18. Cernescu L, Jiga J, Jiga L, Bunu C, Rosca A, Matis B, Cernescu C, **Mirea F**, Tatu C, Tanasie G, Paunescu V. Dendritic cells induced TH1/TH2 cytokine balance in response to allergen challenge. *Timisoara Medical Journal*, 2009; 59(3-4): 329-324.
19. Ivan A, Pacala N, Cean A, **Bojin F**, Caraba V. Molecular mechanisms controlling the early mouse embryo development. *Scientific Papers: Animal Science and Biotechnologies*, 2010; 43(1): 283-288.
20. **F Bojin**, CA Tatu, O Gavriluc, V Ordodi, A Gruia, A Rosca, G Tanasie, C Tatu, D Crisnic, D Nistor, M Cristea, S Anghel, A Boleman, C Bunu, V Paunescu, *In Vitro* Characterization of Mechanisms Involved in Adipogenic Differentiation of Mesenchymal Stem Cells and Tumor Associated Fibroblasts. *Fiziologia - Physiology*, 2009; 19(64): 21-27.
21. Tanasie G, **Bojin F**, Tatu CA, Gavriluc O, Tatu C, Nistor D, Ionița H, Bunu C, Paunescu V. Mechanisms Involved in Mesenchymal Stem Cells Differentiation towards the Epithelial Lineage. Effects of Chemical Inductors. *Fiziologia - Physiology*, 2009; 19(63): 7-12.
22. Anghel S, **Bojin F**, Igna C, Tanasie G, Seres M, Tatu C, Luca C, Tatu CA, Rosca A, Gruia A, Ordodi V, Georgescu R, Paunescu V. Harvesting, Isolation and Characterisation of Dog Periosteum - Derived Cells *Fiziologia - Physiology*, 2009; 19(64): 31-36.
23. Vintila DR, Gavriluc O, Gocza E, Paunescu V, Ilie D, Vintila C, **Bojin F**, Tatu C. The Inner Ear of Seven Days Old Mice Contains Pluripotent Stem Cells. *Scientific Papers: Animal Science and Biotechnologies*, 2009; 42 (1): 115-119.
24. Tatu C, Tanasie G, Puscasiu D, Tatu RF, **Bojin F**, Bunu C. Molecular regulation of skeletal muscle atrophy. *Fiziologia - Physiology*, 2009; 19(62): 7-11.
25. Noveanu L, **Bojin F**, Fira-Mladinescu O, Gherbon A, Andor M, Mihalas G. Tendencies in smoking status and smoking habits among medical students during the first three years of medical studies. *Fiziologia - Physiology* 2009, 19(62): 12-16.
26. Noveanu L, Sturza A, Fira-Mladinescu O, **Bojin F**, Gherbon A, Andor M, Mihalas G. Smoking involvement in reactivity of internal mammary artery vascular ring in subjects submitted to coronary artery bypass grafting. *Central European Journal of Occupational and Environmental Medicine*, 2009; 15 (4): 371-376.
27. Matis B, Bunu C, Tanasie G, Tatu C, **Bojin F**, Cernescu L, Tatu C, Marusciac L, Paunescu V. Establishment, propagation and maintenance of primary pulmonary fibroblasts. *Fiziologia – Physiology*, 2009, 19(62): 17-20.

28. Cernescu L, Jiga J, Jiga L, Bunu C, Cernescu C, Matis B, **Bojin F**, Tatu C, Tanasie G, Paunescu V. Dendritic cells and T cells activation. *Fiziologia - Physiology*, 2009, 19(62): 21-23.
29. Noveanu L, Fira-Mladinescu O, Ordodi V, **Mirea F**, Savoiu G, Muntean D, Mihalas G. Passive exposure of guinea pigs to cigarette smoke induces a systemic endothelial dysfunction. *Proc. Rom. Acad.*, series B, 2008; 1-2: 71-76.

● **Abstracts published in abstract books at national and international conferences/congresses**

1. **Bojin F**, Ordodi V, Gavriiuc O, Cristea M, Anghel S, Gruia A, Mic FA, Cean A, Lazarovicz R, Toma M, Marusciac L, Tanasie G, Tatu C, Panaitescu C, Paunescu V. *In vitro* models of adipogenesis for understanding molecular mechanisms underlying occurrence of obesity. Conference and Advanced Translational Research Workshop: Chronic Diseases – From Pathogenesis to Therapy, 25-27 October 2012, Timisoara. Abstract book pg. 37, ISBN 978-606-8054-93-3.
2. Cernescu L, Toma M, **Bojin F**, Gavriiuc O, Anghel S, Cristea M, Gruia A, Tatu C, Tanasie G, Panaitescu C, Paunescu V. Proliferative potential of double positive CD4⁺/CD8⁺ T cells in co-culture sytem with tumor cells. The 24nd Annual Immunology Conference, 27-29 September 2012, Bucharest. Abstract Book pg. 102, ISBN 978-606-8003-24-5.
3. Marusciac L, Panaitescu C, Tatu C, Tanasie G, **Bojin F**, Paunescu V. Adhesion of human mesenchymal stem cells to inflammatory mediators after specific inhibition of CD29. The 24nd Annual Immunology Conference, 27-29 September 2012, Bucharest. Abstract Book pg. 21, ISBN 978-606-8003-24-5.
4. **Bojin F**, Ordodi V, Anghel S, Cristea M, Gavriiuc O, Marusciac L, Toma M, Lazarovicz R, Panaitescu C, Paunescu V. Na⁺/K⁺ - ATP-ase blockers inhibit functionality of bone marrow-derived mesenchymal stem cells. Conference and Advanced Research Workshop – Sudden Cardiac Death & Cardioprotection, 6-9 September 2012, Timisoara. Abstract Book pg. 97, ISBN 978-606-8054-80-3; 978-963-306-162-6.
5. **Bojin F**, Gavriiuc OI, Cristea MI, Gruia AT, Anghel S, Tatu CS, Tanasie G, Panaitescu C, Tatu CA, Paunescu V. Ouabain inhibits in vitro proliferation of tumour-associated fibroblasts and cancer cell lines. *European Journal of Cancer* 48, Suppl. 5 (2012): S52; Proceedings Book, 22nd Biennial Congress of the European Association of Cancer Research – From basic research to personalized cancer treatment, 7-10 July 2012, Barcelona, Spain.
6. **Bojin F**, Ordodi V, Cristea M, Anghel S, Gruia A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Introspection in molecular expression pattern of human mesenchymal stem cells-differentiated adipocytes. Academician Nicolae Cajal Symposium, Bucharest, March 28-31 2012, Abstract book pg. 10
7. Cernescu L, Panaitescu C, Jiga J, Jiga L, Rosca A, **Bojin F**, Matis B, Paunescu V. The distinct roles of IL-4 and IL-13 on IgE production in house dust mites allergic patients. *Fiziologia-Physiology*, 2012; supplement: 11 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
8. Marusciac L, **Bojin F**, Panaitescu C, Paunescu V. Specific inhibition of CD29 decreases adhesion of mesenchymal stem cells to inflammation mediators. *Fiziologia-Physiology*, 2012; supplement: 17 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
9. Mic FA, **Bojin F**, Gruia AT, Cristea MI, Ordodi VL, Paunescu V. Are adipocytes obtained in vitro similar to adult adipocytes in terms f fatty acid composition? *Fiziologia-Physiology*, 2012; supplement: 17 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
10. Paunescu V, **Bojin F**, Ordodi V, Gavriiuc O, Cristea M, Anghel S, Gruia A, Mic FA, Tanasie G, Tatu C, Panaitescu C. Molecular expression pattern of human mesenchymal stem cells-differentiated adipocytes. *Fiziologia-Physiology*, 2012; supplement: 22 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
11. Tatu C, Panaitescu C, Pitic C, **Bojin F**. Patient simulators in medical education. *Fiziologia-Physiology*, 2012; supplement: 27 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
12. Anghel S, Bojin F, Tatu CA, Ordodi V, Gruia A, Rosca A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Differentiation mechanisms and pathways of dog periosteum-derived stem cells. *Fiziologia-Physiology*, 2012; supplement: 30 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
13. **Bojin F**, Ordodi V, Gavriiuc O, Cristea M, Anghel S, Gruia A, Nistor D, Crisnic D, Boleman A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Na/K pump inhibitors decrease proliferation of normal and tumor cells. *Fiziologia-Physiology*, 2012; supplement: 34 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
14. Cernat L, **Bojin F**, Deica M, Cristea M, Tanasie G, Panaitescu C, Paunescu V. Tumor-associated fibroblasts – many obscure capacities but possibly a real and efficient target for therapy in cancer disease. *Fiziologia-Physiology*, 2012; supplement: 37 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
15. Cristea M, **Bojin F**, Gai E, Rosca A, Tatu C, Paunescu V. Anti-tumoral effects of Aristolochia clematitis aqueous extract on tumor cell lines. *Fiziologia-Physiology*, 2012; supplement: 39 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
16. Deica M, Sima R, Cernat L, Cristea M, **Bojin F**, Paunescu V. Effects of chemotherapeutic drugs and adjuvant therapy mixtures on normal and tumor cells – in vitro studies. *Fiziologia-Physiology*, 2012; supplement: 40 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
17. Gai E, Gruia A, Boldeanu F, Cristea M, **Bojin F**, Serban M, Arghirescu S, Jinca C, Balint Gib L, Ordodi V, Dumitrascu V, Tatu C, Lungeanu D, Paunescu V. Frequency of HLA-A allele correlated with high risk of hematological diseases. *Fiziologia-Physiology*, 2012; supplement: 43 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
18. Nistor D, Bunu C, Tanasie G, Tatu C, **Bojin F**, Paunescu V. Possibility of using endothelial cells differentiated from human hematopoietic stem cells in treating of inflammatory processes. *Fiziologia-Physiology*, 2012; supplement: 56 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.

19. Ordodi V, Burian C, **Bojin F**, Hentia C, Gheorghiu G, Mirica N, Raducan A, Sarandan M, Muntean C, Cristina RT. Isoflurane-induced post-conditioning: the role of inhibition of mitochondrial permeability transition. *Fiziologia-Physiology*, 2012; supplement: 57 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
20. Cristea M, **Bojin F**, Ordodi V, Anghel S, Gruia A, Gavriluc O, Georgescu R, Vintila R, Tatu C, Bunu C, Tatu CA, Tanasie G, Paunescu V. Bone reconstruction model in rats – mesenchymal stem cells and biological scaffold. Proceedings of the Vth Edition of the Symposium “New Trends and Strategies in the Chemistry of Advanced Materials”, 3-4 November 2011 Timisoara, Romania, pg.7
21. **Bojin F**, Cristea M, Ordodi V, Anghel S, Tanasie G, Panaitescu C, Paunescu V. Differences between stromal stem cells from various tissular sources – morphological and functional studies. Romanian Journal of Biochemistry, 2011; 48(suppl.): 30 – The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology, The Conference on “Cellular and Molecular Biotechnologies on Medical Applications”, 28-30 September, Craiova, Romania.
22. Ordodi V, **Bojin F**, Boleman A, Gruia A, Gai E, Muntean D, Sandesc D, Paunescu V. Differential effects of Sevoflurane pre- and postconditioning on glycogen synthase kinase 3-beta expression in rat hearts in vivo. Romanian Journal of Biochemistry, 2011; 48(suppl.): 41 – The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology, The Conference on “Cellular and Molecular Biotechnologies on Medical Applications”, 28-30 September, Craiova, Romania.
23. **Bojin F**, Gavriluc O, Tatu CA, Ordodi V, Rosca A, Cristea M, Gruia A, Anghel S, Nistor D, Crisnic D, Tatu C, Tanasie G, Panaitescu C, Paunescu V. Ouabain-induced effects on normal and tumor cell lines. *Fiziologia-Physiology*, 2011; suppl: 23 - 41st Annual Immunology Conference, 22-24 September, Timisoara, Romania.
24. Gavriluc O, **Bojin F**, Rosca A, Tatu CA, Paunescu V. Silencing of the Her2 gene by RNA interference inhibits proliferation of breast cancer cell line SK-BR3. *Fiziologia-Physiology*, 2011; suppl: 27 - 41st Annual Immunology Conference, 22-24 September, Timisoara, Romania.
25. Paunescu V, **Bojin F**, Gavriluc O, Tatu CA, Ordodi V, Rosca A, Cristea M, Gruia A, Anghel S, Nistor D, Crisnic D, Tatu C, Tanasie G, Panaitescu C. Multipotent stromal cells of different origins: insights on in vitro characteristics. *Fiziologia-Physiology*, 2011; suppl: 33 - 41st Annual Immunology Conference, 22-24 September, Timisoara, Romania.
26. Anghel S, **Bojin F**, Tatu CA, Ordodi V, Gruia A, Rosca A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Trilineage differentiation pathway of dog periosteum-derived and bone marrow-derived stem cells. *Fiziologia-Physiology*, 2011; suppl: 39 - 41st Annual Immunology Conference, 22-24 September, Timisoara, Romania.
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