



Curriculum Vitae

Informatii personale

Nume / Prenume **Gavriliuc Oana Isabella**
Adresa Str. Martir I. Mariutac, B27, ap.3, 300274, Timisoara, Romania
Telefon
E-mail oana_gav@yahoo.com
Nationalitate romana
Data nasterii 30.10.1983
Sex feminin

Experienta profesionala

Perioada	Oct 2011 – prezent
Functia sau postul ocupat	Asistent universitar
Activitati si responsabilitati principale	Activitate didactica, administrativa si de cercetare
Numele si adresa angajatorului	Disciplina de Imunologie, Dept. III – Stiinte Functionale, Universitatea de Medicina si Farmacie „Victor Babes” Timisoara, P-ta Eftimie Murgu nr.2. Timisoara
Sectorul de activitate	Academic
Perioada	Mai 2011 – Aprilie 2013
Functia sau postul ocupat	Postdoctorand
Activitati si responsabilitati principale	Cercetare stiintifica
Numele si adresa angajatorului	Universitatea de Agricultura si Medicina Veterinara a Banatului Timisoara Calea Aradului, no.119, 300645 Timisoara (Romania)
Sectorul de activitate	Academic
Perioada	Noiembrie 2006 - Iunie 2010
Functia sau postul ocupat	Doctorand cu frecventa
Activitati si responsabilitati principale	Activitate didactica si de cercetare
Numele si adresa angajatorului	Universitatea de Medicina si Farmacie „Victor Babes” Timisoara, P-ta Eftimie Murgu nr.2. Timisoara
Sectorul de activitate	Academic

Educatie si formare

Perioada	Octombrie 2013 –Iunie 2015
Calificarea / diploma obtinuta	Master
Disciplinele principale studiate	Metode si tehnici statistice aplicate in sanatate si cercetare clinica
Numele si tipul institutiei de invatamant	Universitatea Politehnica Timisoara, Facultatea de Mecanica, Dept. de Matematica P-ta Victoriei, nr. 2, 300006 Timisoara
Perioada	Mai 2011 – Aprilie 2013
Calificarea / diploma obtinuta	Bursa postdoctorala
Disciplinele principale studiate	Optimizarea metodei de obtinere a celulelor pluripotente induse din celule somatice bovine
Numele si tipul institutiei de	Universitatea de Agricultura si Medicina Veterinara a Banatului Timisoara,

invatamant	Facultatea de Medicina Veterinara, Dept. de Embriologie
Perioada	Nov 2006 - prezent
Calificarea / diploma obtinuta	Doctorand cu frecventa
Disciplinele principale studiate	Teza de doctorat „Perspective privind tratamentul cu celule stem in diabetul zaharat”
Numele si tipul institutiei de invatamant	Universitatea de Medicina si Farmacie „Victor Babes” Timisoara, Disciplina de Imunologie
Perioada	Octombrie 2002 – Iunie 2006
Calificarea / diploma obtinuta	Diploma de licenta de chimist-biolog
Disciplinele principale studiate	Chimie-Biologie
Perioada	Octombrie 1998 – Iunie 2002
Calificarea / diploma obtinuta	Diploma de Bacalaureat
Disciplinele principale studiate	Colegiul National Banatean Timisoara

Aptitudini si competente personale

Limba materna **Romana**

Limbi straine cunoscute

Autoevaluare

Limba engleza

Limba germana

Limba franceza

Intelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversatie		Discurs oral		Exprimare scrisa	
C2	Utilizator competent	C2	Utilizator competent	C2	Utilizator competent	C2	Utilizator competent	C2	Utilizator competent
B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent
B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent

(*) [Common European Framework of Reference for Languages](#)

Cursuri de perfectionare (selectate)

- Stemgent *Human iPS Cell Training Course* on cellular reprogramming techniques, La Jolla, CA, USA (April 2011)
- FOCIS/JSI *Immunology Update Special Teaching Course*, Prof. Dr. Abul K. Abbas and Prof. Dr. Andrew H. Lichtman, 14th International Congress of Immunology, Kobe, Japan (Aug 2010), with travel grant offered by the International Union of Immunological Societies
- CONCERT Labcourse, *Lentiviral vectors: concepts, practice, hope and reality*, Universite d'Evry-Val d'Essonne, Evry, France (June 29 – July 5, 2008), with travel grant
- Training course *Transdifferentiation to Beta Cells*, Juvenile Diabetes Research Foundation University of Bath, UK (June 26-28, 2007), with travel grant
- Francophone summer school *Pathologies and Molecular Pharmacology. Biotechnologies* coordinated by Pr. Emér. Jean Montreuil (Université des Sciences et Technologies de Lille) Arad, Romania (July 2005)

Competente si abilitati sociale

- Capacitatea de a lucra cu grupuri mari de persoane in cadrul unor proiecte de cercetare complexa, nationale si internationale;
- Foarte buna capacitate de comunicare;
- Abilitate foarte buna de adaptare la medii culturale variate;
- Initiativa puternica si creativitate;

Competente si aptitudini organizatorice

- Experienta in organizarea de workshop-uri si sesiuni de instruire;
- Experienta in supravegherea si coordonarea de studenti si doctoranzi;

Competente si aptitudini tehnice

- Citometrie in flux (BD FACScalibur, CellQuest/CellQuest Pro software): imunofenotipare si diagnostic de leucemii, analiza celulelor stem;

<p>Competente si aptitudini de utilizare a calculatorului</p>	<ul style="list-style-type: none"> • Secventializare ADN (ABI Genetic Analyzer 3130) • qPCR (Roche Lightcycler 480): expresie genica, genotipare SNP; • Culturi celulare (celule stem adulte si pluripotente, linii celulare, culturi primare); • Competenta avansata (sisteme de operare PC si Apple, Word/Pages/Mellel, Excel/Numbers, Powerpoint/Keynote, Adobe Photoshop CS5, Prism 4 Graphpad, SPSS, Sente/Reference Manager, Adobe Lightroom 2, Adobe Acrobat); • Notiuni de bioinformatica (CLC Bio DNA Workbench, Serial Cloner, Geneious, Vector NTI);
<p>Permise de conducere</p>	<p>Permis de conducere categoria B; ermis de barca categoriile C si D;</p>
<p>Burse obtinute</p>	<ul style="list-style-type: none"> • PhD Program – visiting student at Radboud University Nijmegen Medical Center, The Netherlands • Internal Medicine Dept. – Immunology and Infectious Diseases (Oct – Dec, 2009) • Bursa Rotary la Canisius-Wilhelmina Hospital, Nijmegen, Olanda • Molecular Diagnostics Dept. (March-April, 2009) • Bursa de cercetare la centrul de transfuzii DRK-Blutspendedienst, Frankfurt oferita de J.W.Goethe University, Frankfurt, Germany (July-Sept, 2007) • Bursa de cercetare pentru tineri doctoranzi CNCSIS, 2007-2010 • Premiul 'Student Eminent' al Facultatii CBG, oferit de Asociatia Orizonturi Universitare, 2004 • Reprezentantul studentilor in consiliul profesoral al CBG, 2003-2005 • Bursa Nationala de Performanta, MECT, 2004-2006 • Bursa Nationala de Merit, MECT, 2002-2004
<p>Informatii suplimentare</p>	<p>Apartenenta la organizatii profesionale:</p> <ul style="list-style-type: none"> • International Society for Infectious Diseases (Member no. 00052939, 2010 – present) • American Society for Microbiology (Member ID: 56677735, 2010 – present) • Romanian Society of Immunology (2010 – present) • Order of Biochemists, Biologists and Chemists in the Medical System in Romania (2010 – present) • Singapore Stem Cell Society (2009 – present) • European Association for Cancer Research – EACR (2008 – 2010)
<p>Anexe</p>	<p>Anexa 1 – Lista de proiecte de cercetare Anexa 2 – Publicatii</p>

Anexa 1 PROIECTE DE CERCETARE

Proiect	Funcția	Perioada
POC-A1-A1.4-E-2015 <i>Oncoimunoterapie cu celule Natural Killer purtătoare de receptori himerici de antigen</i> , P. 37_786/103662	Membru în echipă	2016-2020
PN-II-RU-PD-2012-3 <i>Induction of mesenchymal stem cells into insulin secreting cells as diabetes therapy</i> , nr. 31/26.04.2013	Director	2013-2015
PN-II-PCCA-2011-3.2 <i>Translating stem cell technologies to the conservation of highly endangered species (CONSENS)</i> , nr.120/2012	Membru în echipă	2012-2015
PN-II-ID-PCE-2011-3 <i>Tumor-associated fibroblasts as novel therapeutic target in anti-tumor therapy – identification of origin, role and characteristic molecular markers</i> , nr. 318/2012	Membru în echipă	2012-2015
PN II -Idei, nr.1748/2008 <i>Studies regarding in vitro differentiation of mesenchymal stem cells towards adipocytes and validation of molecular factors involved in adipogenesis</i>	Membru în echipă	2008-2011
PN II – Parteneriate complexe, nr. 41-049/2008 <i>Molecular mechanisms of thymic involvement in diabetes</i>	Membru în echipă	2008-2011
PN II – Capacitati – Program de cooperare bilaterala Romania-Ungaria nr.88/2008 <i>Isolation, characterization and in vitro differentiation of variety of animal and human embryonic and adult stem cells</i>	Membru în echipă	2007-2009
PN II - Parteneriate complexe, nr. 41-019/2007, <i>Genetic engineering of cancer stem cells for immune response modulation in cancers of non-viral origin</i>	Membru în echipă	2007-2010
PN II - Idei, nr.198/2007, <i>Cellular and molecular mechanisms involved in mesenchymal stem cell differentiation towards an epithelial lineage</i>	Membru în echipă	2007-2010

Anexa 2 PUBLICATII

ARTICOLE IN EXTENSO

1. Nagib R, Zogorean R, GAVRILIUC OI, Szuhaneck C, Moldoveanu B, Negrutiu ML, Sinescu C, Paunescu V, Brad S *Cytotoxicity Assessment of Metal and 3D Printed Resin Orthodontic Attachments. An in vitro cell culture behavior study*, Revista de Chimie **69**, No.6, 2018: 1515-18
2. Tatu CS, Groza S, Tatu FR, Bojin FM, Marusciac L, Gavriiliuc O, Hurmuz M, Cean A, Paunescu V, Tanasie G *In vivo Functional Studies of Human Adult Mesenchymal Stem Cells Migration towards Inflammatory Lesions after Transfection with CD29 Specific siRNA in Mouse Models*, Rom Biotechnol Lett (2015), 20 (6): 11057-66
3. Anastasiu MD, Cean, A.; Bojin, F.; Gavriiliuc, O.; Gluhovschi, A.; Anastasiu, D.; Craina, M.; Tatu, C.; Tanasie, G.; Panaitescu, C.; Paunescu, V. *Placental Stem Cells Modulate Tumor Formation In Mouse Model Of Uterine Sarcoma*, Fiziologia-Physiology (2015), 25(1): 26-30
4. Groza S, Anghel S, Cristea M, Tatu C, Tanasie G, Panaitescu C, Gavriiliuc O, Paunescu V, Bojin F *Telomere Length Changes In Alzheimer Disease*, Fiziologia-Physiology (2014), 24(2): 27-30
5. GAVRILIUC OI, Bojin FM, Paunescu V *Furin-cleavable Insulin Expressed in Mesenchymal Stem Cells as Diabetes Therapy*, Fiziologia-Physiology (2015), 25(4): 28-34
6. Groza S, Anghel S, Tatu C, Tanasie G, Panaitescu C, Gavriiliuc O, Paunescu V, Bojin F *Lymphocytes Subsets Involved In Alzheimer Disease-Associated Immunosenescence*, Fiziologia-Physiology (2014), 24(1): 22-26
7. Paunescu V, Bojin FM, GAVRILIUC OI, Taculescu EA, Ianos R, Ordodi VL, Iman VF, Tatu CA. *Enucleation: a possible mechanism of cancer cell death*, J Cell Mol Med. 2014 Jun;18(6):962-5
8. Tatu C, Bojin MF, Gruia A, Ordodi V, Mic F, Iman V, Cean A, GAVRILIUC OI, Paunescu V. *Features of Lipid Metabolism along Differentiation Pathway of Human Mesenchymal Stem Cells towards Mature Adipocytes*, Rom Biotechnol Lett, 19 (2), pg. 9257-9271, 2014
9. Ilie DE, Cean A, GAVRILIUC OI, Păcală N. *Rapid and Sensitive Detection of BLAD in Cattle Population*, Scientific Papers: Animal Sciences and Biotechnologies, 2014, 47(1)109-112
10. GAVRILIUC O, Paunescu V, Milovanov C, Tulcan C, Hutu I, Mircu C. *In vitro expansion of bovine skeletal muscle progenitor cells*, Scientific Papers: Veterinary Medicine, vol. XLVI, 2013
11. Vintila R, GAVRILIUC O, Bojin F, Tatu C, Vintila C, Iovanescu G *Isolation and Characterization of Vestibular Stem Cells*, Scientific Papers: Animal Sciences and Biotechnologies, 2013, 46 (2)
12. Ilie DE, Cean A, GAVRILIUC OI, Carstea AC, Gradinaru AC. *High-Resolution Melting Assay as a Tool for Identification of CSN3 Genotypes in Cattle*, Scientific Papers: Animal Sciences and Biotechnologies, 2013, 46 (1)
13. Barbu-Tudoran L, GAVRILIUC OI, Paunescu V, Mic FA *Accumulation of tissue macrophages and depletion of resident macrophages in the diabetic thymus in response to hyperglycemia-induced thymocyte apoptosis*, J Diabetes Complications. 27(2):114-22 (2013)
14. Vintila R, GAVRILIUC O *Results regarding self renewal and differentiation of cells composing inner ear derived spheres*, Scientific Papers: Animal sciences & Biotechnologies, 45(1), pp 358-365 (2012)
15. GAVRILIUC O, Bojin FM, Rosca A, Tatu CA, Paunescu V. *Silencing of the Her2 gene by RNA interference inhibits proliferation of breast cancer cell line SK-BR-3*, Fiziologia-Physiology, 21(71), pp 4-9 (2011)
16. Bojin FM, GAVRILIUC O, Cristea MI, Tanasie G, Tatu CS, Panaitescu C, Paunescu V. *Telocytes within human skeletal muscle stem cell niche*, J. Cell. Mol. Med, 15(10), pp. 2269-72 (2011)
17. Paunescu V, Bojin FM, Tatu CA, GAVRILIUC O, Rosca A, Gruia A, 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 15(3):635-46 (2011)
18. Bojin F, Ordodi V, Anghel S, Gruia A, Gavriiliuc 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*. Rom Biotechnol Lett, 16(3), pp. 6218-25 (2011)
19. Tanasie G, Bojin F, Ordodi V, Gruia A, GAVRILIUC O, Cristea M, Dehelean C, Vintila R, Tatu CA, Bunu C, Paunescu V. *Epithelization of skin lesions in animal model treated with mesenchymal stem cells and derivatives*, Rom Biotechnol Lett, accepted for publication (2011)
20. GAVRILIUC O, Tatu CA, Paunescu V *The race to cure diabetes: how far are we from a breakthrough?* Fiziologia-Physiology, 20(65), pp 4-8 (2010)
21. Bojin F, Tatu CA, GAVRILIUC 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, 20(66), pp. 31-36 (2010)
22. Bojin F, Tatu CA, GAVRILIUC 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, 20(65), pp. 37-41 (2010)
23. David VL, Izvernariu DA, Bojin F, GAVRILIUC O, Popoiu MC, Tanasie G, Puiu M, Boia ES. *Insulin growth factor I involvement in the etiology of pectus excavatum in children*, Fiziologia - Physiology, 20(65), pp. 17-20 (2010)
24. Bojin MF, Tatu CA, GAVRILIUC O, Ordodi V, Gruia A, Rosca A, Tanasie G, Tatu C, Crisnic D, Nistor D, Cristea M, Anghel S, Boleman A, Bunu C, Paunescu V *In vitro characterization of mechanisms involved in adipogenic differentiation of mesenchymal stem cells and tumour associated fibroblasts*, Fiziologia-Physiology, 19(64), pp 21-6 (2009)
25. Tanasie G, Bojin F, Tatu CA, GAVRILIUC O, Tatu C, Nistor D, Ionita H, Bunu C, Paunescu V. *Mechanisms Involved in Mesenchymal Stem Cells Differentiation towards the Epithelial Lineage. Effects of Chemical Inductors*, Fiziologia – Physiology, 19(63), pp 7-12 (2009)
26. Vintila R, GAVRILIUC O, Gocza E, Paunescu V, Ilie D, Vintila C, Bojin F, Tatu CA *The inner ear of seven day old mice contains pluripotent stem cells*, Scientific Papers: Animal sciences & Biotechnologies, 42(1), pp 115-124 (2009)

27. Vintila R, Ilie D, GAVRILIUC O, Gocza E, Lichner Zs, Vintila C, Nichita I, Cotulbea S, Tatu CA *Utricular epithelia in mice contains pluripotent stem cells*, Scientific Papers: Animal sciences & Biotechnologies, 41(1), pp 174-180 (2008)
28. GAVRILIUC O, Ostafe V. *Comparative study of vitamins B content of some pharmaceutical and dietary supplements*, Annals of West University of Timisoara, Series Chemistry 15(1) (2006), pp 91-102

CARTI

GAVRILIUC O, Ostafe V. *Balancing the B vitamins. An Insight into the Health Claims of Dietary Supplements*, Quantum Biochemistry Monographs and Specific Interactions 4(2006) pp 1-102

Teza de doctorat

Title: *Perspectives on the Treatment of Diabetes Mellitus Employing Adult Stem Cell Therapy*

Scientific coordinator: Prof. Dr. Virgil Paunescu

Immunology Dept., University of Medicine and Pharmacy 'Victor Babes', Timisoara (2006-2010)

Teza de masterat

Title: *Bayesian data analysis of linear models using JAGS*

Scientific coordinators: Lect.-Dr. Maria Jivulescu, Prof. Dr. Jürgen Pilz

MTSSCC, Dept. of Mathematics, The Polytechnic University of Timisoara (2013-2015)

Abstracte si prezentari la conferinte

1. Cean A, Ilie D, Gavriiuc O, Paunescu V *Reproductive biotechnologies for the conservation of Romanian Grey Steppe genetic heritage*, *Journal of Biotechnology* 231, 2016, S100
2. Bojin M, Gavriiuc O, Tatu CS, Tanasie G, Panaitescu C, Tatu CA, Paunescu V *Cytotoxic T lymphocytes functionally active against tumor microenvironment-derived specific antigen*, *European Journal of Cancer* 50, Suppl 5. 2014, S217
3. GAVRILIUC OI, Bojin F, Paunescu V *Are tumor-associated fibroblasts mesenchymal stem cell?* Stem Cells & Epigenetics Abstract Book, 16-18 Oct 2014, pg.42, poster
4. GAVRILIUC OI, Bojin FM, Tatu CA, Paunescu V *Genetically-engineered insulin not recognized by autoreactive T Cells in T1D*, Cell Symposia- Systems Approach to Metabolic Disease Abstract Book, Chicago, 1-3 Oct 2014, poster (P22)
5. Lazarovicz R, Toma M, Gavriiuc O, Marusciac L, Gruia A, Tatu C, Tanasie G, Panaitescu C, Bojin F, Paunescu V. *Repurposing Na+/K+ pump blockers for in vitro suppression of tumor development*. Front. Immunol. Conference Abstract: 15th International Congress of Immunology, August 22-27, 2013, Milan, Italy, Abstract book, pg.843, doi: 10.3389/conf.fimmu.2013.02.00498
6. Toma M, Lazarovicz R, Gavriiuc O, Marusciac L, Gruia A, Tatu C, Tanasie G, Panaitescu C, Bojin F, Paunescu V. *Tumor associated fibroblasts are endowed with increased ability to support tumor development*. Front. Immunol. Conference Abstract: 15th International Congress of Immunology, August 22-27, 2013, Milan, Italy, Abstract book, pg.963 doi: 10.3389/conf.fimmu.2013.02.00446
7. Gavriiuc O, Paunescu V, Ilie D, Milovanov C, Tulcan C, Hutu I, Mircu C *Gene expression patterns during in vitro differentiation of bovine skeletal muscle*, Current Opinion in Biotechnology 24S, pg. S143 (2013), European Biotechnology Congress, Bratislava May 16-18, 2013, poster presentation
8. Ilie DE, Cean A, Gavriiuc OI, Neo SI, Chirila D, Hutu I, Pacala N *High-resolution Melting Analysis for the Rapid and Sensitive Detection of BLAD*, Current Opinion in Biotechnology, 24S, pg. S49 (2013), European Biotechnology Congress, Bratislava May16-18, 2013, poster presentation
9. Bojin F, Gavriiuc O, Tanasie G, Tatu C, Panaitescu C, Cernescu L, Marusciac L, Toma M, Lazarovicz R, Paunescu V. *Targeted methods for isolation of human cytotoxic T lymphocytes against tumor microenvironment*. Physiology Conference – New facet of function and dysfunction. Current progress in biomedical sciences and medical education, May 9-10, 2013, Iasi, Romania, Abstract book
10. Bojin F, Ordodi V, GAVRILIUC 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 for understanding molecular mechanisms underlying occurrence of obesity*. Conference and Advanced Translational Research Workshop: Chronic Diseases –From Pathogenesis to Therapy, 25-27 Oct 2012, Timisoara, Abstract book pg. 37, ISBN 978-606-8054-93-3, oral presentation
11. Bojin F, Ordodi V, Anghel S, Cristea M, GAVRILIUC 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 and Cardioprotection, 6-9 Sept 2012, Timisoara, Abstract book pg. 97
12. Cernescu L, Toma M, Bojin F, GAVRILIUC 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 system with tumor cells*. The 24th Annual Immunology Conference, 27-29 Sept 2012, Bucharest, Abstract Book pg. 102
13. Bojin F, GAVRILIUC O, 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

14. Bojin F, Ordodi V, GAVRILIUC 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, Suppl.: 34 – The 11th national Congress of the Romanian Society of Physiological Sciences, 10-12 May 2012, Timisoara, oral presentation
15. Paunescu V, Bojin F, Ordodi V, GAVRILIUC 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; Suppl: 22 - 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May 2012, oral presentation
16. Bojin F, GAVRILIUC O, Ordodi V, Cristea M, Anghel S, Crisnic D, Nistor D, Tatu C, Tanasie G, Panaitescu C, Paunescu V. *Controversies related to cell cultures obtained from various tissular samples*. *Fiziologia - Physiology*, 21(72), pp. 4-9 (2011)
17. GAVRILIUC 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, Sept 22-24, 2011, Timisoara, Romania, oral presentation
18. Paunescu V, Bojin F, GAVRILIUC 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, Sept 22-24, 2011, Timisoara, Romania, oral presentation
19. Bojin F, GAVRILIUC 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 effect on normal and tumor cell line*. *Fiziologia-Physiology*, 2011; suppl: 23 - 41st Annual Immunology Conference, Sept 22-24, 2011, Timisoara, Romania, oral presentation
20. Ordodi V, Bojin F, Gruia A, Boleman A, GAVRILIUC O, Cristea M, Anghel S, Tanasie G, Panaitescu C, Paunescu V. *Mesenchymal stem cells as model of in vitro adipogenesis*. *Fiziologia-Physiology*, 2011; suppl: 55 - 41st Annual Immunology Conference, Sept 22-24, 2011, Timisoara, Romania
21. GAVRILIUC O, Rosca A, Ordodi V, Gruia A, Mic F, Bojin F, Tatu C, Tanasie G, Paunescu V. *Induction of mesenchymal stem cells into insulin-secreting cells*. VIth Academician Nicolae Cajal Symposium, Bucharest, March 30-April 01 2011, Abstract book pg. 19, prezentare orala
22. Bojin F, GAVRILIUC O, Tatu CA, Ordodi V, Cristea M, Gruia A, Anghel S, Boleman A, Crisnic D, Tatu C, Tanasie G, Panaitescu C, Paunescu V. *Genetic changes during adipocytes ontogenesis*. VIth Academician Nicolae Cajal Symposium, Bucharest, March 30-April 01 2011, Abstract book pg. 19.
23. Paunescu V, Bojin F, GAVRILIUC O, Tatu CA, Ordodi V, Rosca A, Cristea M, Gruia A, Anghel S, Crisnic D, Tatu C, Tanasie G, Panaitescu C. *In vitro suppression of tumor development*. VIth Academician Nicolae Cajal Symposium, Abstract book pg. 15. Bucharest, March 30-April 01 2011.
24. Bojin F, GAVRILIUC O, Tatu CA, Cristea M, Anghel S, Crisnic D, Nistor D, Tatu C, Tanasie G, Panaitescu C, Paunescu V. *In vitro adipogenic differentiation pathway*. A XXV-a Conferința Națională a Societății Române de Fiziologie, 26-28 Mai 2011, Târgu Mureș, Romania
25. Paunescu V, Bojin F, GAVRILIUC O, Tanasie G, Panaitescu C. *Stem cells differ in their pro-angiogenic potential*. The 1st Congress CompasX, Timisoara 1-2 April, 2011, Abstract book pg. 2.
26. Paunescu V, Bojin F, Cristea M, GAVRILIUC O, Anghel S, Tanasie G, Tatu C, Panaitescu C. *Characterization of stem cells of different origins*. A XXV-a Conferința Națională a Societății Române de Fiziologie, 26-28 Mai 2011, Târgu Mureș, Romania
27. Tanasie G, GAVRILIUC O, Bojin F, Anghel S, Tatu C, Bunu C, Paunescu V. *Plasticity of human mesenchymal stem cells - In vitro assays*. Diaspora in Romanian scientific research and higher education Conference, Romanian Academy, Bucharest (Sep 22-23, 2010), oral presentation
28. GAVRILIUC O, Rosca A, Ordodi V, Gruia A, Mic F, Bojin F, Tatu C, Paunescu V. *Insulin-secreting mesenchymal stem cells for Type 1 Diabetes*. Diaspora in Romanian scientific research and higher education Conference, Romanian Academy, Bucharest (Sep 22-23, 2010), Abstract book (Stem cells) pp.36, poster
29. Bojin F, Tatu CA, GAVRILIUC O, Rosca A, Tatu C, Tanasie G, Cristea M, Gruia A, Crisnic D, Nistor D, Anghel S, Bunu C, Paunescu V. *Tumor-associated fibroblasts as a subset of mesenchymal stem cells*. Diaspora in Romanian scientific research and higher education Conference, Romanian Academy, Bucharest (Sep 22-23, 2010), Abstract book (Molecular Medicine) pp 48-49
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