



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Bălșeanu Tudor-Adrian**

Address

Telephone

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Nationality Romanian

Date of birth

Gender male

Work experience

Dates 02 October 2006 – 30 September 2009

Occupation or position held Teaching Assistant

Name and address of employer Physiology Department, University of Medicine and Pharmacy of Craiova, 2 Petru Rareș Str., 200349 Craiova, Romania

Dates 01 October 2009 – 30 September 2013

Occupation or position held Assistant Professor

Name and address of employer Physiology Department, University of Medicine and Pharmacy of Craiova, 2 Petru Rareș Str., 200349 Craiova, Romania

Dates 01 October 2013 – 29 february 2016

Occupation or position held Lecturer

Name and address of employer Physiology Department, University of Medicine and Pharmacy of Craiova, 2 Petru Rareș Str., 200349 Craiova, Romania

Dates 01 March 2016 – 31 September 2018

Occupation or position held Associated Professor

Name and address of employer Physiology Department, University of Medicine and Pharmacy of Craiova, 2 Petru Rareș Str., 200349 Craiova, Romania

Dates 01 October 2018 – present

Occupation or position held Professor

Name and address of employer Physiology Department, University of Medicine and Pharmacy of Craiova, 2 Petru Rareș Str., 200349 Craiova, Romania

Dates	01 January 2015 – 31 December 2020
Occupation or position held	Coordinator
Name and address of employer	Experimental Research Centre of Physiological and Pathological Aging
Dates	01 January 2005 – 01 October 2006
Occupation or position held	Physician in training
Name and address of employer	Emergency Hospital of Craiova, 1 Tabaci Str., 200642 Craiova, Romania
Dates	01 February 2016 – present
Occupation or position held	Vice Dean
Name and address of employer	Faculty of Medicine, University of Medicine and Pharmacy of Craiova, 2 Petru Rareş Str., 200349 Craiova, Romania
Education and training	
Dates	September 1994 – July 1998
Title of qualification awarded	General studies
Name and type of organisation providing education and training	Theoretical High School, Bals, Romania
Dates	October 1998 – September 2004
Title of qualification awarded	Medical Doctor/Physician
Name and type of organisation providing education and training	University of Medicine and Pharmacy of Craiova
Dates	October 2007 – September 2011
Title of qualification awarded	PhD
Name and type of organisation providing education and training	University of Medicine and Pharmacy of Craiova
Dates	October 2016 – September 2017
Title of qualification awarded	Master degree - Management of health programmes
Name and type of organisation providing education and training	University of Medicine and Pharmacy of Craiova
Dates	December 2017
Title of qualification awarded	Habilitation
Name and type of organisation providing education and training	University of Medicine and Pharmacy of Craiova
Dates	March 2007 – September 2007
Title of qualification awarded	Guest scientist / Erasmus researcher
Name and type of organisation providing education and training	Klinik fuer Neurologie, Molekulare Neurobiologie, Greifswald, Germany
Dates	October 2007 – December 2007 April 2008 - October 2008
Title of qualification awarded	Guest scientist
Name and type of organisation providing education and training	Klinik fuer Neurologie, Molekulare Neurobiologie, Greifswald, Germany
Dates	April 2009 – September 2009
Title of qualification awarded	Guest scientist / Romanian Government Scholarship

Name and type of organisation providing education and training	Klinik fuer Neurologie, Molekulare Neurobiologie, Greifswald, Germany									
Dates	June 2010 – September 2010 November 2010 - December 2010 August 2011 – September 2011									
Title of qualification awarded	Guest scientist									
Name and type of organisation providing education and training	Klinik fuer Neurologie, Molekulare Neurobiologie, Greifswald, Germany									
Research and Development Projects	20 (5 as Manager)									
Awards	<ul style="list-style-type: none"> • Romanian Physiology award, 2008, Cluj • Romanian Physiology award, 2009, Craiova • Romanian Physiology award, 2011, Oradea • Romanian Physiology award, 2012, Timisoara • Romanian Neuroscience award, 2012, Bucharest 									
Personal skills and competences										
Mother tongue	Romanian									
Other language(s)										
Self-assessment	Understanding				Speaking				Writing	
<i>European level</i>	Listening		Reading		Spoken interaction		Spoken production			
English	C2	proficient user	C2	proficient user	C2	proficient user	C1	proficient user	C1	proficient user
French	B1	independent user	B1	independent user	B1	independent user	B1	independent user	B1	independent user
German	A1	basic user	A2	basic user	A1	basic user	A1	basic user	A1	basic user
Italian	B1	independent user	B1	independent user	B1	independent user	B1	independent user	B1	independent user
	(*) Common European Framework of Reference for Languages									
Hirsch Index (Clarivate)	20									
Sum of Times Cited (Clarivate)	1266									
Social skills and competences	Team spirit, good ability to adapt, good communication skills, management skills									
Technical skills and competences	Animal surgery, animal behaviour test,									
Computer skills and competences	- good command of Microsoft Office tools (Word, Excel and PowerPoint), basic knowledge of graphic design applications (Adobe Illustrator, PhotoShop).									
Annexes	List of selected publications									

1. Roles of Microglial Ion Channel in Neurodegenerative Diseases, Cojocaru A, Burada E, **Balseanu AT**, Deftu AF, Catalin B, Popa-Wagner A, Osiac E, JOURNAL OF CLINICAL MEDICINE, Article Number: 1239, Published: 2021, IF 2019 = 3,303, WOS:000651960000001.
2. Testosterone, cardiomyopathies, and heart failure: a narrative review, Diaconu R, Donoiu I, Mirea O, **Balseanu TA**, ASIAN JOURNAL OF ANDROLOGY, Volume 23, March 2021 *Online ahead of print*, DOI: 10.4103/aja.aja_80_20, IF 2019 = 2,448.
3. Optical coherence tomography microscopy in experimental traumatic brain injury, Osiac E, Mitran SI, Manea CN, Cojocaru A, Rosu GC, Osiac M, Pirici DN, **Balseanu AT**, Catalin B, MICROSCOPY RESEARCH AND TECHNIQUE, Volume 84, Issue 3, Pages: 422-431, Published: 2020, IF 2019 = 2,117, (equal contribution with the last author), WOS:000574552800001.
4. Inhibition of Aquaporin 4 Decreases Amyloid A β 40 Drainage Around Cerebral Vessels, Rosu GC, Catalin B, **Balseanu TA**, Mogoanta L, Margaritescu C, Kumar-Singh S, Pirici D, MOLECULAR NEUROBIOLOGY, Volume: 57, Pages: 4720-4734, Published: 2020, IF 2019 = 4,5, WOS:000559639100001.
5. Electric Stimulation of Neurogenesis Improves Behavioral Recovery After Focal Ischemia in Aged Rats, **Balseanu TA**, Grigore M, Pinosanu LR, Slevin M, Hermann DM, Glavan D, Popa-Wagner A, FRONTIERS IN NEUROSCIENCE, Volume: 14, Article Number: 732, Published: 2020, IF 2019 = 3.707, WOS:000555921700001.
6. A rare case of idiopathic focal dystonia, Parscoveanu DVF, Albulescu DM, Constantin C, Catalin B, **Balseanu TA**, Musetescu AE, Tarteia EA, Bumbea AM, Rogoveanu O, Albu VC, ROMANIAN BIOTECHNOLOGICAL LETTERS, Volume: 24, Pages: 749-753, Published: 2019, IF 2018 = 0,765, WOS: 000482118200023.
7. Results of alendronate treatment in patients diagnosed with aseptic osteonecrosis of the femoral head, Kamal KC, Alexandru DO, Rogoveanu OC, Kamal D, Buteica AS, **Balseanu TA**, Panus C, Maria DT, Traistaru MR, FARMACIA, Volume: 67, Pages: 318-322, Published: 2019, IF 2019 = 1,607, WOS:000465245100019.
8. In vitro and in vivo studies of novel fabricated bioactive dressings based on collagen and zinc oxide 3D scaffolds, Balaure Pc, Holban AM, Grumezescu AM, Mogosanu GD, **Balseanu TA**, Stan MS; Dinischiotu A, Volceanov, Mogoanta L, INTERNATIONAL JOURNAL OF PHARMACEUTICS, Volume: 557, Pages: 199-207, Published: 2019, IF 2019 = 4,845, WOS:000457290600023.
9. Vitamin B12 Blood Level is Correlated with Drug-Induced Extrapyramidal Symptoms in Schizophrenic Patients, Burada E, Marinescu I, Rogoveanu OC, Dobrescu AM, Taisescu C, Burada F, Sfredel V, **Balseanu TA**, REVISTA DE CHIMIE, Volume: 70, Pages: 630-632, Published: 2019, IF 2019 = 1,755, WOS:000461982200057.
10. Maternal-Fetal Management in Trombophilia Related and Placenta-Mediated Pregnancy Complications, Berceanu C, Ciurea EL, Cirstoiu MM, Berceanu S, Ofiteru AM, Mehedintu C, Berbece SI, CiorteaR, Stepan AE, **Balseanu TA**, REVISTA DE CHIMIE, Volume: 69, Pages: 1394-1403, Published: 2018, IF 2017 = 1,605, WOS:000449628400018.
11. Colposcopic, Histologic and Immunohistochemical Assessment in Cervical Intraepithelial Lesions, Berceanu C, Paitici S, Berceanu S, Bratila E, Ofiteru AM, Mehedintu C, Berbece S, Navolan D, Obleaga CV, **Balseanu TA**, REVISTA DE CHIMIE, Volume: 69, Pages: 2245-2250, Published: 2018, IF 2018 = 1,605, WOS:000444602300063.
12. Microglia morphology in the physiological and diseased brain - from fixed tissue to in vivo conditions, Laura Stopper, **Balseanu TA**, Catalin B, Rogoveanu OC, Mogoanta L, Scheller A, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 59, Issue: 1, Pages: 7-12, Published: 2018, IF 2018 = 1,5, (equal contribution with the first author), WOS:000444860300007.
13. Cerebrolysin and Aquaporin 4 Inhibition Improve Pathological and Motor Recovery after Ischemic Stroke, Catalin B, Rogoveanu OC, Pirici I, **Balseanu TA**, Stan A, Tudorica V, Balea M, Mindrila I, Albu CV, Mohamed G, Pirici D, Muresanu DF, CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS, Volume: 17, Issue: 1, Pages: 299-308, Published: 2018, IF 2018 = 2,761, WOS:000440487700009.
14. Microglial morphology determined with confocal and two-photon laser scanning microscopy, Mitran SI, Burada E, Tanasie CA, Manea NC, Ciorbagiu MC, Mirea CS, **Balseanu TA**, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 59, Issue: 2, Pages: 401-407, Published: 2018, IF 2018 = 1,5, WOS:000438117200001.
15. Inhibition of Aquaporin-4 Improves the Outcome of Ischaemic Stroke and Modulates Brain Paravascular Drainage Pathways, Pirici I, **Balseanu TA**, Catalin B, Margaritescu C, Divan T, Vacaras V, Mogoanta L, Pirici D, Carare RO, Muresanu DF, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 19, Pages: 59-66, Published: 2018, IF 2018 = 4,183 (equal contribution with the first author), WOS:000424407200044.
16. Caloric restriction stabilizes body weight and accelerates behavioral recovery in aged rats after focal ischemia, Ciobanu O, Sandu RE, **Balseanu AT**, Zavaleanu A, Gresita A, Petcu EB, Uzoni A and Popa-Wagner A, AGING CELL, Volume: 16, Pages: 1394-1403, Published: 2017, IF 2017 = 7,627, WOS:000418387600017.
17. The in situ morphology of microglia is highly sensitive to the mode of tissue fixation, Catalin B, Stopper L, **Balseanu TA**, Scheller A, JOURNAL OF CHEMICAL NEUROANATOMY, Volume: 86, Pages: 59-66, Published: 2017, IF 2017 = 2,162, WOS:000418219300007.
18. Stem cell therapies in preclinical models of stroke. Is the aged brain microenvironment refractory to cell therapy?, Sandu RE, **Balseanu AT**, Bogdan C, Slevin M, Petcu E, Popa-Wagner A. EXPERIMENTAL GERONTOLOGY, Volume: 94, Pages: 73-77, Published: 2017, IF 2017 = 3,224 (equal contribution with the first author), WOS:000404494300014.
19. Tau protein in neurodegenerative diseases - a review, Pircscoveanu DVF, Pirici I, Tudorica V, **Balseanu TA**, Albu VC, Bondari S, Bumbea AM, Pircscoveanu M, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 58, Issue: 4, Pages: 1141-1150, Published: 2017, IF 2017 = 0,912, WOS:000428660300001.

20. Implications of inflammation and remodeling of the enteric glial cells in colorectal adenocarcinoma, Tarteia EA, Florescu C, Donoiu I, Pirici D, Mihailovici AR, Albu VC, **Balseanu TA**, Iancu M, Badea CD, Vere CC, Sfredel V, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 58, Issue: 2, Pages: 473-480, Published: 2017 IF 2017 = 0,912, WOS:000406647000017.
21. Three-dimensional organ scanning reveals brain edema reduction in a rat model of stroke treated with an aquaporin 4 inhibitor, Popescu ES, Pirici I, Ciurea RN, **Bălșeanu TA**, Cătălin B, Mărgăritescu C, Mogoantă L, Hostiuc S, Pirici D, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 58, Issue: 1, Pages: 59-66, Published: 2017, IF 2017 = **0,912** (equal contribution with the first author), WOS:000402584100009.
22. Biocompatible hybrid silica nanobiocomposites for the efficient delivery of anti-staphylococcal drugs, Balaure PC, Popa RA, Grumezescu AM, Voicu G, Rădulescu M, Mogoantă L, **Bălșeanu TA**, Mogoșanu GD, Chifiriuc MC, Bleotu C, Holban AM, Bolocan A, INTERNATIONAL JOURNAL OF PHARMACEUTICS, Volume: 510, Issue: 2, Pages: 532-542, Published: 2016, IF 2016 = 3,649, WOS:000380754500016.
23. Thin coatings based on ZnO@C18–usnic acid nanoparticles prepared by MAPLE inhibit the development of Salmonella enterica early biofilm growth., Stan MS, Constanda S, Grumezescu V, Andronescu E, Ene AM, Holban AM, Vasile BS, Mogoantă L, **Bălșeanu TA**, Mogoșanu GD, Socol A, Grumezescu AM, Dinischiotu A, Lazar V, Chifiriuc MC, APPLIED SURFACE SCIENCE, Volume: 374, Pages: 318-325, Published: 2016, IF 2015 = 3,387, WOS:000375937300049.
24. Fabrication, characterization, and evaluation of bionanocomposites based on natural polymers and antibiotics for wound healing applications, Rădulescu M, Holban AM, Mogoantă L, **Bălșeanu TA**, Mogoșanu GD, Savu D, Popescu RC, Fufă O, Grumezescu AM, Bezirtzoglou E, Lazar V, Chifiriuc MC, MOLECULES, Volume: 21, Issue: 6, Pages: E761, Published: 2016, IF 2016 = 2,861, WOS:000378757600087.
25. Silver nanocoatings for reducing the exogenous microbial colonization of wound dressings, Radulescu M, Andronescu E, Dolete G, Popescu RC, Fufa O, Chifiriuc MC, Mogoanta L, **Balseanu TA**, Mogosanu GD, Grumezescu AM, Holban AM, MATERIALS, Volume: 9, Issue: 5, Pages: 345, Published: 2016, IF 2016 = 2,654, WOS:000378628500040.
26. Bioactive ZnO coatings deposited by MAPLE-an appropriate strategy to produce efficient anti-biofilm surfaces, Oprea AE, Pandel LM, Dumitrescu AM, Andronescu E, Grumezescu V, Chifiriuc MC, Mogoantă L, **Bălșeanu TA**, Mogoșanu GD, Socol G, Grumezescu AM, Iordache F, Maniu H, Chirea M, Holban AM, MOLECULES, Volume: 21, Issue: 2, Pages: E220, Published: 2016, IF 2016 = 2,861, WOS:000371895900042.
27. Twenty-four hours hypothermia has temporary efficacy in reducing brain infarction and inflammation in aged rats, Sandu RE, Buga AM, **Balseanu AT**, Moldovan M, Popa-Wagner A, NEUROBIOLOGY OF AGING, Volume: 38, Pages: 127-140, Published: 2016, IF 2016 = 4,870, WOS:000368991300015.
28. Effect of Scutellariae herba extracts in experimental model of skin burns: histological and immunohistochemical assessment, Bejenaru C, Mogoșanu GD, Bejenaru LE, Bită A, **Bălșeanu TA**, Ionică FE, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 57, Issue: 4, Pages: 1285-1294, Published: 2016, IF 2016 = 0,670, WOS:000394201300013.
29. GPER and ER α expression in abnormal endometrial proliferations, Tica AA, Tica OS, Georgescu CV, Pirici D, Bogdan M, Ciurea T, Mogoantă SȘ, Georgescu CC, Comănescu AC, **Bălșeanu TA**, Ciurea RN, Osiac E, Buga AM, Ciurea ME, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 57, Issue: 2, Pages: 413-418, Published: 2016, IF 2016 = 0,670, WOS:000381899000009.
30. Antimicrobial coatings based on zinc oxide and orange oil for improved bioactive wound dressings and other applications, Rădulescu M, Andronescu E, Cirja A, Holban AM, Mogoantă L, **Bălșeanu TA**, Cătălin B, Neagu TP, Lascăr I, Florea DA, Grumezescu AM, Ciubuca B, Lazăr V, Chifiriuc MC, Bolocan A, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 57, Issue: 1, Pages: 107-114, Published: 2016, IF 2016 = 0,670, WOS:000376048800012.
31. In vivo biodistribution of CNTs using a BALB/c mouse experimental model, Fufă MO, Mihaiescu DE, Mogoantă L, **Bălșeanu TA**, Mogoșanu GD, Grumezescu AM, Bolocan A, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 56, Issue: 4, Pages: 1481-1493, Published: 2015, IF 2015 = 0,811, WOS:000368382400031.
32. Salivary and serum biomarkers for the study of side effects of aripiprazole coprescribed with mirtazapine in rats, Bogdan M, Silosi I, Surlin P, Tica AA, Tica OS, **Balseanu TA**, Rauten AM, Camen A., INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, Volume: 8, Issue: 5, Pages: 8051-8059, Published: 2015, IF 2015 = **1,075** (equal contribution with the first author), WOS:000359293200170.
33. Microglial voltage-gated sodium channels modulate cellular response in Alzheimer's disease - a new perspective on an old problem, Cătălin B, Mitran S, Ciorbagiu M, Osiac E, **Bălșeanu TA**, Mogoantă L, Dinescu SN, Albu CV, Mirea CS, Vilcea ID, Iancău M, Sfredel V., ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 56, Issue: 1, Pages: 21-25, Published: 2015, IF 2015 = **0,811** (all authors have an equal contribution), WOS:000351952600003.
34. Study of restorative processes in brain laceration in the first seven days after traumatic brain injury, Florou C, Cătălin B, Badea O, **Bălșeanu TA**, Vasilescu CE, Mogoantă L, Grosu F, Matei M, Turculeanu A., ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume: 56, Issue: 1, Pages: 115-124, Published: 2015, IF 2015 = 0,811, WOS:000351952600015.

35. Multimodal approaches for regenerative stroke therapies: combination of granulocyte colony-stimulating factor with bone marrow mesenchymal stem cells is not superior to G-CSF alone, **Balseanu AT**, Buga AM, Catalin B, Wagner DC, Boltze J, Zagrean AM, Reymann K, Schaebitz W, Popa-Wagner A., *FRONTIERS IN AGING NEUROSCIENCE*, Volume: 6, Article Number: 130, Published: 2014, **IF 2015 = 4,000**, WOS:000363038900001.
36. Optical coherence tomography investigation of ischemic stroke inside a rodent model, Osiac E, **Bălșeanu TA**, Mogoantă L, Gheonea DI, Pirici I, Iancău M, Mitran SI, Albu CV, Cătălin B, Sfredel V, *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume: 55, Issue: 3, Pages: 767-772, Published: 2014, **IF 2014 = 0,659** (equal contribution with the first author), WOS:000344040000003.
37. Optical coherence tomography as a promising imaging tool for brain investigations, Osiac E, **Bălșeanu TA**, Cătălin B, Mogoantă L, Gheonea C, Dinescu SN, Albu CV, Cotoi BV, Tica OS, Sfredel V., *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume: 55, Issue: 2, Supplement: S, Pages: 507-512, Published: 2014, **IF 2014 = 0,659** (corresponding author), WOS:000342868500002.
38. Prolonged gaseous hypothermia prevents the upregulation of phagocytosis-specific protein Annexin 1 and causes low-amplitude EEG activity in the aged rat brain after cerebral ischemia, Joseph C, Buga AM, Vintilescu R, **Balseanu AT**, Moldovan M, Junker H, Walker L, Lotze M, Popa-Wagner A, *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*, Volume: 32, Issue: 8, Pages: 1632-1642, Published: 2012, IF 2012 = 5,398, WOS:000307099400019.
39. Repeated PTZ treatment at 25-Day intervals leads to a highly efficient accumulation of doublecortin in the dorsal hippocampus of rats, Buga AM, Vintilescu R, **Balseanu AT**, Pop OT, Streba C, Toescu E, Popa-Wagner A, Source: *PLOS ONE*, Volume: 7, Issue: 6, Article Number: e39302, DOI: 10.1371/journal.pone.0039302, Published: 2012, IF 2012 = 3,730, WOS:000305892100042.
40. Study of cellular changes induced by moderate cerebral ischemia achieved through internal carotid artery ligation, Pinteă I, Rolea E, **Balseanu AT**, Pirici I, Pop OT, Mogoanta L, *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume: 52, Issue: 4, Pages: 1347-1353, Published: 2011, IF 2011 = 0,523, WOS:000299211900026.
41. Effects of Granulocyte-Colony Stimulating Factor after atroke in aged rats, Popa-Wagner A, Stocker K, **Balseanu AT**, Rogalewski A, Diederich K, Minnerup J, Margaritescu C, Schabitz WR, *STROKE*, Volume: 41, Issue: 5, Pages: 1027-1031, Published: 2010, IF 2010 = 5,756, WOS:000277064300033.
42. Sleep deprivation attenuates experimental stroke severity in rats, Moldovan M, Constantinescu AO, **Balseanu A**, Opreșcu N, Zagrean L, Popa-Wagner A, *EXPERIMENTAL NEUROLOGY*, Volume: 222, Issue: 1, Pages: 135-143, Published: 2010, IF 2012 = 4,436, WOS:000275306600017.
43. Study of vascular microdensity in areas of cerebral ischemia on experimental model, Mogoanta L, Pirici D, Pop OT, **Balseanu AT**, Rolea E, Dahnovici RM, *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume: 51, Issue: 4, Pages: 725-731, Published: 2010, IF 2010 = 0,381, WOS:000285641200019.
44. Long-term hypothermia reduces infarct volume in aged rats after focal ischemia, Florian B, Vintilescu R, **Balseanu AT**, Buga AM, Grisk O, Walker LC, Kessler C, Popa-Wagner A, *NEUROSCIENCE LETTERS*, Volume: 438, Issue: 2, Pages: 180-185, Published: 2008, IF 2008 = 2,200, WOS:000257276900011.
45. Strategies to improve post-stroke behavioral recovery in aged subjects, Buga AM, **Balseanu A**, Popa-Wagner A, Mogoanta L, *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume: 50, Issue: 4, Pages: 559-582, Published: 2009, WOS:000273288200003.
46. Annexin A3 expression after stroke in the aged rat brain, Kessler C, Junker H, Junker Heike, **Balseanu TA**, Oprea B, Pirici D, Mogoanta L, Popa-Wagner A, *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume: 49, Issue: 1, Pages: 27-35, Published: 2008, WOS:000260634700004.
47. Cellular and molecular mechanisms underlying neurorehabilitation after stroke in aged subjects, Buga AM, Dunoiu C, **Balseanu A**, Popa-Wagner A, *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume: 49, Issue: 3, Pages: 279-302, Published: 2008, WOS:000260635200001.
48. The influence of aerobic exercise and caloric restricted diet association at young patients with metabolic syndrome, Vasilescu M, Rusu L, Dinca M, Ortanescu D, Nanu C, Cosma G, **Balseanu TA**, Editors: Ergen E, Ulkar B, Guner R, 6TH EUROPEAN SPORTS MEDICINE CONGRESS (EFSMA), Pages: 315-318, Published: 2009.
49. The computerized analysis of muscle fatigue, using surface electromyography and synthetic indices, at athletes, Vasilescu M, Ionescu A, Nestianu A, Nestianu V, Rusu L, **Balseanu AT**, Bogdan C, Editors: Ergen E, Ulkar B, Guner R, 6TH EUROPEAN SPORTS MEDICINE CONGRESS (EFSMA), Pages: 319-322, Published: 2009.
50. Neuroregeneration and dementia: new treatment options., Mitran SI, Catalin B, Sfredel V, **Balseanu TA**, *JOURNAL OF MOLECULAR PSYCHIATRY*, Volume: 1, Issue: 1, Pages: 12, Published: 2013.
51. Correlations between abdominal circumference and the breakage resistance of the fibrin clot, in patients with diabetes mellitus type 2, Sfredel V, Mota M, Iancu I, Danoiu S, Mitran SI, **Balseanu AT**, Pisoschi C, Riza A., *ROMANIAN JOURNAL OF INTERNAL MEDICINE*, Volume: 48, Issue: 2, Pages: 165-171, Published: 2009.

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