

Lista lucrari - Ciobica Alin

Teza de abilitare : “The relevance of the oxidative stress status in various neuropsychiatric disorders: human patients and animal models”, 11.02.2014.

Teza de doctorat: “Interacțiunea dintre sistemul colinergic și cel catecolaminergic în procesele de învățare și memorare la șobolan”, Universitatea “Al. I. Cuza”, Iasi - 2009, distinctia **Magna cum Laude.**

Publicatii in extenso in reviste cotate Web of Science:

- 1.Hritcu L, Ciobica A, Artenie V. **Effects of right-unilateral 6-hydroxydopamine infusion-induced memory impairment and oxidative stress: relevance for Parkinson’s disease.** *Cent. Eur. J. Biol.*, 2008, 3(3): 250-257. IF= 0.9.
- 2.Gurzu C, Artenie V, Hritcu L, Ciobica A. **Prenatal testosterone improves the spatial learning and memory by protein synthesis in different lobes of the brain in the male and female rat.** *Cent. Eur. J. Biol.*, 2008, 3(1): 39-47. IF= 0.9.
- 3.**A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu. The effects of 6-OHDA in the rat brain (memory and oxidative stress processes).** *Proceedings of the 16th European Congress of Physical and Rehabilitation Medicine, Brugge, Belgium, 3-6 June 2008, Edizioni Minerva Medica Turin 2008*, 132-134.
- 4.Hritcu L, **Ciobica A**, Gorgan L., **Nicotine-induced memory impairment by increasing brain oxidative stress,** *Cent. Eur. J. Biol.* 2009; 4(3):335-342. IF= 0.9.
- 5.**Ciobica A., Bild W., Hritcu L., Haulica I. Brain renin-angiotensin system in cognitive function: pre-clinical findings and implications for prevention and treatment of dementia,** *Acta Neurol Belg.*, 2009, 109(3), 171-180. IF= IF= 0.77.
- 6.Ciobica A, Hritcu L, Artenie V, Stoica B, Bild V, **Effects of 6-OHDA infusion into the hypothalamic paraventricular nucleus in mediating stress-induced behavioural responses and oxidative damage in rats,** *Acta Endocrinologica*, 2009, 5: 425-436. IF 0,01.
- 7.Padurariu M, **Ciobica A**, Hritcu L, Stoica B, Bild W, Stefanescu C., **Changes of some oxidative stress markers in the serum of patients with mild cognitive impairment and Alzheimer's disease,** *Neuroscience Letters*, 2010, 469 (1), 6-10. IF= 2.2.
- 8.Padurariu M, **Ciobica A**, Dobrin I, Stefanescu C. **Evaluation of antioxidant enzymes activities and lipid peroxidation in schizophrenic patients treated with typical and atypical antipsychotics.** *Neurosci Lett.* 2010 Aug 2; 479(3):317-20. IF= 2.2.
- 9.**Ciobica A, Hritcu L, Padurariu M, Dobrin R, Bild V. Effects of serotonin depletion on behavior and neuronal oxidative stress status in rat: relevance for anxiety and affective disorders.** *Adv Med Sci.* 2010, 55(2), 289-296. IF 1.057.

10. Foyet Harquin Simplicie, Hritcu Lucian, **Ciobica Alin**, Stefan Marius, Kamtchouing Pierre, Cojocaru Dumitru, **Methanolic extract of Hibiscus asper leaves improves spatial memory deficits in the 6-hydroxydopamine-lesion rodent model of Parkinson's disease**, *Journal of Ethnopharmacology*, 2011 Jan 27;133(2):773-9. IF 3.
11. Alin Ciobica, Lucian Hritcu, Veronica Nastasa, Manuela Padurariu, Walther Bild, **Inhibition of central angiotensin converting enzyme exerts anxiolytic effects by decreasing brain oxidative stress**, *J Med Biochem* 2011, 30(2): 109–114. IF 2011 0.6
12. Alin Ciobica, Veronica Bild, Lucian Hritcu, Manuela Padurariu, Walther Bild, **Effects of angiotensin II receptor antagonists on anxiety and some oxidative stress markers in rat**, *Central European Journal of Medicine*, 2011, 6(3), 331-340. IF 0,3.
13. Manuela Padurariu, Alin Ciobica, Carina Persson, Cristinel Stefanescu, **Self-stigma in psychiatry: ethical and bio-psycho-social perspectives**, *Romanian Journal of Bioethics*, Vol. 9, No. 1, January–March 2011, 76-82. IF 0,6.
14. Hritcu, M. Stefan, Costica Misaila, A. Ciobica, and Gabriela Dumitru, **Effects of bacterial lipopolysaccharide exposure on immune responsiveness in a rodent model of Parkinson's disease**, *Arch. Biol. Sci.*, 2011, 63 (1), 99-105. IF 2010 0,356.
15. Hritcu L, Ciobica A, Stefan M, Mihasan M, Palamiuc L, Nabeshima T. **Spatial memory deficits and oxidative stress damage following exposure to lipopolysaccharide in a rodent model of Parkinson's disease**. *Neurosci Res.* 2011 Sep;71(1):35-43. IF 2010 2,144.
16. Ciobica A, Padurariu M, Dobrin I, Stefanescu C, Dobrin R. **Oxidative stress in schizophrenia - focusing on the main markers**. *Psychiatr Danub.* 2011 Sep;23(3):237-45. IF 0,7.
17. Ciobica A, Olteanu Z, Padurariu M, Hritcu L., 2011. **The effects of low-dose pergolide on memory and oxidative stress in a 6-OHDA induced rat model of Parkinson's disease**, *Journal of Physiology and Biochemistry*, 2012, Volume 68, Number 1, 59-69, DOI 10.1007/s13105-011-0119-x. IF 2010 1.357.
18. Mihai Hogas, Alin Ciobica, Simona Hogas, Veronica Bild, Lucian Hritcu, **The effects of two doses manganese administration on short-term spatial memory and anxiety-like behavior in rats**, *Arch. Biol. Sci.*, vol. 63, issue 4, December 2011, 1031-1036. IF 2010 0,356.
19. Ciobica A, Padurariu M, Bild W, Stefanescu C. **Cardiovascular risk factors as potential markers for mild cognitive impairment and Alzheimer's disease**. *Psychiatr Danub*, 2011, 23(4), 333-340. IF 0,56.
20. Alin Ciobica, Raducu Popescu, Ion Haulica, Walther Bild, **Aspects regarding the neurobiology of psycho-affective functions**, *J Med Biochem*, 2012 31(1): 83–87. IF 2011 0.6.
21. Alin Ciobica, Manuela Padurariu, Lucian Hritcu, **The effects of short-term nicotine administration on behavioral and oxidative stress deficiencies**

- induced by a rat model of Parkinson's disease**, *Psychiatr Danub*, 2012, 24(2) 194-205. IF 0,56.
22. Walther Bild, Alin Ciobica, Manuela Padurariu, Veronica Bild, **The interdependence of the reactive species of oxygen, nitrogen and carbon**, *Journal of Physiology and Biochemistry*, Volume 69, Issue 1, (2013), 147-154. IF 2011 1.7.
 23. Catalin Joacabine, Manuela Padurariu, A. Ciobica, R. Dobrin, C. D. Popescu, F. Mitu, **The association between cholesterol levels and brachial/aortic augmentation index versus cognitive status in patients with cardiovascular risk factors**, *Arch. Biol. Sci., Belgrade*, 64 (2), 419-426, 2012. IF 2010 0,356.
 24. Oana Arcan, Alin Ciobica, Walther Bild, Lucian Hritcu, Dumitru Cojocaru, **The effects of central angiotensin II and its specific blockers on nociception. Possible interactions with oxidative stress status**, *J Med Biochem*, 2013, 32(1): 52–58. DOI: 10.2478/v10011-012-0018-x. IF 2012 1.084.
 25. Padurariu M, Ciobica A, Mavroudis I, Fotiou D, Baloyannis S, **Hippocampal neuronal loss in the CA 1 and CA3 areas of Alzheimer's disease patients**, *Psychiatr Danub*, 2012, 24(2), 152-8. IF 0,6.
 26. Popescu R, Bild W, Ciobica A, Bild V, **Different modulatory effects of the ammonium ions on angiotensin vascular actions in the isolated rat aortic and renal arteries**, *Arch. Biol. Sci., Belgrade*, 2012, 64(2), 427-433. IF 2011 0,360.
 27. Stefanescu C, Ciobica A, **The relevance of oxidative stress status in first episode and recurrent depression**, *Journal of Affective Disorders*, 2012 Dec 20;143(1-3):34-8. doi 10.1016/j.jad.2012.05.022. **IF 2010 3,7.**
 28. Bild W., Ciobica A, **Angiotensin-(1-7) central administration induces anxiolytic-like effects in elevated plus maze and decreased oxidative stress in the amygdala**, *Journal of Affective Disorders*, 2013 Feb 20;145(2):165-71, doi 10.1016/j.jad.2012.07.024. **IF 2010 3,7.**
 29. Raducu Popescu, Walther Bild, Alin Ciobica, Veronica Bild, **New evidence for vascular interactions between aldosterone, angiotensin II and antioxidants in isolated smooth muscle cells of rats**, *Central European Journal of Medicine*, Volume 7, Number 6 (2012), 704-712. IF 0,312.
 30. Mavroudis I. A., Petrides F., M. Manani, A. Ciobica, M. Padurariu, C. Theocharides , S. N. Njau, V. Costa, S. J. Baloyannis, **Dendritic and spinal alterations of the spiny stellate cells of the human visual cortex during normal aging**, *Folia Neuropathologica*, 2012; 50(3): 261-269. IF 2012 1,547.
 31. Achitei D, Ciobica A, Balan G , Gologan E, Stanciu C, Stefanescu G. **Different Profile of Peripheral Antioxidant Enzymes and Lipid Peroxidation in Active and Non-active Inflammatory Bowel Disease Patients**. *Digestive Diseases and Sciences*, (2013) 58, 1244-1249, DOI: 10.1007/s10620-012-2510-z. **IF 2012 2.26.**
 32. Bild W, Hritcu L., Stefanescu C., Ciobica A, **Inhibition of central angiotensin II enhances memory function and reduces oxidative stress status in rat hippocampus**, *Progress in Neuropsychopharmacology &*

- Biological Psychiatry*, Volume 43, 3 June 2013, Pages 79–88, doi 10.1016/j.pnpbp.2012.12.009. **IF 2012 3.552.**
33. Serban IL, Manuela Padurariu, Alin Ciobica, Dumitru Cojocaru, Radu Lefter, **The role of hypnosis and its related techniques in insomnia**, *Arch. Biol. Sci.*, Belgrade, 2013, 65(2), 507-510. IF 2012 0,791.
 34. Lefter R., Alin Ciobica, Lucian Hritcu, Bogdan Stoica, Dumitru Cojocaru, Zenovia Olteanu, **The effects of a 6-OHDA induced lesion in murine nucleus accumbens on memory and oxidative stress status**, *Central European Journal of Medicine*, August 2013, Volume 8, Issue 4, pp 443-449. IF 0,312. DOI: 10.2478/s11536-013-0165-6.
 35. Manuela Padurariu, Alin Ciobica, Radu Lefter, Ionela Lacramioara Serban, Cristinel Stefanescu, Roxana Chirita, **The oxidative stress hypothesis in Alzheimer's disease**, *Psychiatr Danub*, 2013 Dec;25(4):401-9. IF 2012 0,63.
 36. Irimia R, A. Ciobica, C. Stanciu, A. Trifan, **The relevance of oxidative stress in cirrhotic patients with different forms of hepatic encephalopathy**, *Arch. Biol. Sci., Belgrade*, 2013, 65(3), 1245-1252. IF 2012 0,791.
 37. Ionela Lacramioara Serban, M. Hogas, and A. Ciobica, **The effects of chronic manganese administration of blood pressure in rats**, *Arch. Biol. Sci., Belgrade*, 2013, 65(3), 1195-1198. IF 2012 0,791.
 38. Novac B., Ciobica A, Dobrin R., Ciobotaru M., Costache C. **Psychological/psychiatric trauma in patients with penile cancer and partial or total penectomy**, *Arch. Biol. Sci., Belgrade*, 2013, 65(4), 1293-1298. IF 2012 0,791.
 39. Florin Mitu, Manuela Padurariu, Catalin Joacabine, Alin Ciobica, Roxana Chirita. **Establishing echocardiographic and arterial stiffness markers predictors for cognitive decline**. *Arch. Biol. Sci., Belgrade*, 2013, 65(4), 1299-1305. IF 2012 0,791.
 40. Lucian Hritcu, Alin Ciobica. **Intranigral lipopolysaccharide administration induced behavioral deficits and oxidative stress damage in laboratory rats: Relevance for Parkinson's disease**. *Behavioural Brain Research*, 253, 15 September 2013, Pages 25–31. **IF 2012 3.327.**
 41. Dana Stefana Popescu, Alin Ciobica, Lidia Iuliana Arhire, Laura Mihalache, Otilia Nita, Ionela Lacramioara Serban, Romeo Dobrin, Didona Ungureanu, Mariana Gaur. **Increased prevalence of impaired glucose tolerance in a representative rural population from Deleni, Romania**. *Arch. Biol. Sci., Belgrade*, 2013, 65(4), 1579-1584. IF 2012 0,791.
 42. Razvana Sorina Munteanu Danulescu, Ciobica Alin, Stanciu Carol, Trifan Anca, **Studying the levels of glutathione peroxidase in patients with spontaneous bacterial peritonitis**, *Arch. Biol. Sci., Belgrade*, 2013, 65(4), 1593-1597. IF 2012 0,791.
 43. Ovidiu Alexinschi, Roxana Chirita, Alin Ciobica, Padurariu Manuela, Romeo Dobrin, Raluca Prepelita, Ionela Lacramioara Serban, Vasile Chirita, **The relevance of oxidative stress status in one week and one month alcohol abstinent patients**, *J Med Biochem*, 2014, Volume 33, Issue 3, Pages 284–290. IF 2012 1.084.

44. Ionela Lacramioara Serban, Cristina Toarba, Simona Hogas, Adrian Covic, Alin Ciobica, Roxana Chirita, Mariana Graur, **The relevance of body mass index in the cognitive status of diabetic patients with different alcohol drinking patterns**, *Arch. Biol. Sci., Belgrade*, 2014, 66(1), 347-353. IF 2012 0,791.
45. Razvana Sorina Munteanu Danulescu, Ciobica Alin, Stanciu Carol, Singeap Ana Maria, Raluca Iorga, Trifan Anca, **The relevance of the oxidative stress balance (superoxide dismutase versus malondialdehyde) in spontaneous bacterial peritonitis**, *Arch. Biol. Sci., Belgrade*, 2014, 66(2), 793-799. IF 2012 0,791.
46. Cristian Mladin, Alin Ciobica, Radu Lefter, Alexandru Popescu, Walther Bild, **Deuterium-depletion induces anxiolytic-like effects in elevated plus maze in rats**, *Arch. Biol. Sci., Belgrade*, 2014, 66(2), 947-953. IF 2012 0,791.
47. Cristina Toarba, Simona Hogas, Adrian Covic, Manuela Padurariu, Alin Ciobica, Roxana Chirita, Mariana Graur, **Establishing the connections between alcohol intake, cognitive functions and type 2 diabetes**, *Arch. Biol. Sci., Belgrade*, 2014, 66(2), 811-817. IF 2012 0,791.
48. Petrut Florin Trofin , Cezar Honceriu, Alin Ciobica, Dumitru Cojocaru, **The Influence of Vitamin C on the Oxidative Stress in Untrained Smoking Subjects**, *Applied Mechanics and Materials*, 2014, 555, 713-722. doi 10.4028/www.scientific.net/AMM.555.713. Human Motricities Proceedings.
49. Ioan Manuel Paulet, Gabriela Marinescu, Radu Lefter, Alin Ciobica, Dumitru Cojocaru, Timofte Daniel, Emil Anton. **The possible relevance of the biological process of motivation in medical organizations**. *Archives of Biological Sciences Belgr.* 66, 3 (2014). IF 2012 0,791.
50. Florin-Petrut Trofin, Marin Chirazi, Cezar Honceriu, Paula Drosescu, Gabriela Grădinariu, Alin Vorniceanu, Emil Anton, Dumitru Cojocaru, Alin Ciobica, Elena Ciornea, Timofte Daniel, Ioana Sabina Cojocaru. **Pre-administration of vitamin C reduces exercise-induced oxidative stress status in untrained subjects**. *Archives of Biological Sciences Belgr.* 66, 3 (2014). IF 2012 0,791.
51. Radu Lefter, Dumitru Cojocaru, Alin Ciobica, Ioan Manuel Paulet, Ionela Lacramioara Serban, Emil Anton. **Current aspects regarding some animal models for the main neuropsychiatric disorders**. *Archives of Biological Sciences Belgr.* 66, 3 (2014). IF 2012 0,791.
52. Lucian Hritcu, Veronica Bild, Harquin Simplicie Foyet, Alin Ciobica, Ionela Lacramioara Serban, Daniel Timofte, Emil Anton, **Antioxidative effects of the methanolic extract of Hibiscus asper leaves in mice**, *Romanian Biotechnological Letters*, 2014, 19 (3), 9376-9383. IF 2012 0.363.
53. Dana Stefana Popescu, Alin Ciobica, Lidia Iuliana Arhire, Laura Mihalache, Otilia Nita, Ionela Lacramioara Serban, Romeo Dobrin, Didona Ungureanu, Mariana Graur, **Studying the correlations between the levels of serum uric acid and the main parameters of the metabolic syndrome**, *Archives of Biological Sciences Belgr.* 66, 4 (2014). IF 2012 0,791.
54. Emil Anton, Saulea Aurel, Saulea Gabriela, Alin Ciobica, SI Bruma, C.R. Anton, **The involvement of cutaneous receptors in the biological effects of**

- electromagnetic millimetre-waves**, *Archives of Biological Sciences Belgr.* 66, 4 (2014). IF 2012 0,791.
55. Romeo Dobrin, Irina Dobrin, Cristinel Stefanescu, Alin Ciobica, Ionela Lacramioara Serban, Emil Anton, **A Direct Correlation Between The Scores Of PANSS/AIMS Scales And Some Oxidative Stress Markers In Treated Schizophrenic Patients**, *Archives of Biological Sciences Belgr.* 66, 4 (2014). IF 2012 0,791.
 56. Florin-Petru Trofin, Alin Ciobica, Dumitru Cojocaru, Marin Chirazi, Cezar Honceriu, Laurentiu Trofin, Ionela Lacramioara Serban, Sabina Ioana Cojocaru, Emil Anton, **Increased oxidative stress in rat after five minutes treadmill exercise**, *Central European Journal of Medicine*, 2014, IF 0,312.
 57. Ovidiu Alexinschi, Roxana Chirita, Padurariu Manuela, Alin Ciobica, Romeo Dobrin, Raluca Prepelita, Carmen Anton, Vasile Chirita, **Biological and clinical aspects regarding the combined systemic and pharmacological therapy in alcohol dependence**, *Archives of Biological Sciences Belgr.* 67, 1 (2015). IF 2012 0,791.
 58. Dragomir Nicolae Serban, Roxana Chirita, Alin Ciobica, Oana Arcan, Emil Anton, **Correlations between dementia and brain renin–angiotensin system – the relevance of the oxidative stress status**, *Archives of Biological Sciences Belgr.* 67, 4 (2015). IF 2012 0,791.
 59. Anton E., Rotaru A., Covatariu D., Ciobica A., Anton CR. **A new interaction mechanism between extremely high frequency electromagnetic waves of athermic intensities and their biological manifestations**. *Archives of Biological Sciences Belgr.* 67, 4 (2015). IF 2012 0,791.
 60. Oana Arcan, Walther Bild, Alin Ciobica, Dragomir Nicolae Serban, Veronica Nastase, **Angiotensin-(1-7) intracerebroventricular administration generates nociceptive effects in hot-plate task and decreased oxidative stress in the temporal lobe**, *Romanian Biotechnological Letters*, 2014.

PREMII INTERNAZIONALE

Premiul pentru cel mai bun poster la **“The 3rd International Congress on Brain and Behaviour”**, Salonic, Grecia, 28 noiembrie -2 decembrie 2007, cu posterul **“Cognitive disorders in 6-hydroxydopamine-induced rat model of Parkinson's disease”**. Chairman of the Poster Award : Constantin Bouras, Prof. of Neuropathology, University of Geneva.

“Young Investigator Award” in cadrul **“Summer Neuropeptide Conference”**, 20 -23 Iulie 2009, Salzburg, Austria. Chair of the conference: Prof. Illana Gozes (Tel-Aviv University) and Prof. Eberhard Weihe (Marburg Institute).

“Young Investigator Award” in cadrul **„41st Meeting of the European Brain and Behaviour Society (EBBS)”**, 13 -18 Septembrie 2009, Rodos, Grecia. Chair of Young Investigator Award: Prof. Verity Brown, University of St. Andrews, Scotia.

The International Brain Research Organization (IBRO) Travel Grant Prize for The Society for Neuroscience (SFN) 41st Annual Meeting Conference, Washington, DC, 12-16 November 2011, with the article “Oxidative stress status in patients treated with typical vs. atypical antipsychotics”. Chair of the IBRO Fellowships Committee: Prof. Marta Hallak.

http://www.sfn.org/siteobjects/published/0000BDF20016F63800FD712C30FA42DD/C3A3D2B5E61C18C6606CE9AB854E481F/file/International_Poster_Session_Program_5.pdf

Department-Department Cooperation Grant Prize (European Federation of Neurological Societies) - Department of Neurology - Aristotle University (Thessaloniki, Greece) – Prof. Stavros Baloyannis. Martie-Mai 2011

IBRO Young Investigator Program Prize- Invited to Prof Maurizio Pocchiari - Istituto Superiore di Sanità- Roma. Iunie- Iulie 2011.

http://funding.ibro.info/Pub/Pub_Main_Display.asp?LC_Docs_ID=5124

IBRO-CEERC-WERC InEurope Short Stay Fellowship Award 2012-13 Programme - Department of Neurology - Aristotle University (Thessaloniki, Greece) –Dr. Ioannis Mavroudis. October-November 2012.

The International Brain Research Organization (IBRO) Travel Grant Award for The Society for Neuroscience 2013 Conference, November 9-13, San Diego, California, with the article “Angiotensin-(1-7) central administration induces anxiolytic-like effects in elevated plus maze and decreased oxidative stress in the amygdala”. Chair: Aileen Guillaume, IBRO Professional Development Program.

Financial Aid Grant for 5th World Congress on Pain October 6–11, 2014, Buenos Aires, Argentina with the paper “Angiotensin-(1-7) intracerebroventricular administration generates analgesic effects in hot-plate task and decreased oxidative stress”. Chair of the Financial Aid Competition Dr. Charles Inturrisi, Department of Pharmacology, Weill Cornell Medical College, New York.

CDE Grant for the 27th ECNP Congress of Applied and Translational Neuroscience 18-21 October 2014, Berlin with the poster „The relevance of oxidative stress status in first episode and recurrent depression”. Chair: Dr. Petra Hoogendoorn, Project Manager for Science, Education & Communication, ECNP.

Alte distinctii - Burse (“Travel Awards”) pentru participare la conferințe internaționale :

- 1. Travel Award în cadrul “Sinapsa Neuroscience Conference '07” Ljubljana, Slovenia, 5-7 Octombrie 2007. (30 de puncte).**

Grant oferit prin competitie de catre "International Brain Research Organization" prin intermediul "Slovenian Neuroscience Association".

<http://www.sinapsa.org/S07/>

Contact : blaz.koritnik@kclj.si

2.Travel Award în cadrul "International Neuroimmunology Symposium" 13-14 Martie 2008, University College of Dublin UCD, Irlanda. (30 de puncte).

Grant oferit prin competitie de catre Uniunea Europeana prin intermediul "Marie Curie Molecular Neuroimmunology Society".

http://www.ucd.ie/mniest/Neuroimm_workshop.html

Contact: mniest@ucd.ie

3.Travel Award în cadrul "First European Synapse Meeting", Bordeaux, Franta, 26-28 Martie 2008. (30 de puncte).

Grant oferit prin competitie de catre Uniunea Europeana prin intermediul "Eusynapse Integrated Project".

<http://www.eusynapse.mpg.de/index.html>

Contact: azimek@gwdg.de

4.Travel Award în cadrul "9th European Congress of Neuropathology", Atena, Grecia, 8-10 Mai 2008. (30 de puncte).

Grant oferit prin competitie de catre "British Neuropathological Society".

<http://www.erasmus.gr/web/pages.asp?lang=2&page=4309>

Contact: i.m.huang@amc.uva.nl

5.Travel Award în cadrul "5th International Symposium on Neuroprotection and Neurorepair - Cerebral Ischemia and Stroke", 17-20 Mai, 2008, Magdeburg, Germania. (30 de puncte).

Grant oferit prin competitie de catre Universitatea Magdeburg.

<http://www.neurorepair-2008.de/fellowships/>

Contact: georg.reiser@med.ovgu.de

6.Travel Award în cadrul "8th International Meeting for brain energy metabolism – Neurodegeneration and Regeneration", 27 Iunie- 1 Iulie, 2008, Beijing, China. (30 de puncte).

Grant oferit prin competitie de catre "International Society for Neurochemistry".

<http://www.isnbeijing2008.org/>

http://www.neurochemistry.org/pages/Final_Report_2008_3rd_ISN_Conference.pdf

Contact: achy@hsc.pku.edu.cn

7.Travel Award în cadrul "ECNP Workshop on Neuropsychopharmacology for Young Scientists in Europe", 5-8 Martie 2009, Nisa, Franta. (30 de puncte).

Grant oferit prin competitie de catre "European College of Neuropsychopharmacology"

<http://www.ecnp.eu/emc.asp?pageId=334>

Contact: Nice2009@ecnp.eu

8. Travel Award in cadrul „9th World Congress of Biological Psychiatry”, 28 Iunie-2 Iulie, 2009, Paris, Franta. (30 de puncte).

Grant oferit prin competitie de „World Federation of Societies of Biological Psychiatry”.

<http://www.wfsbp-congress.org/grants-and-awards.html>

Contact: wfsbp2009@cpo-hanser.de

9. Training Award in cadrul „19th Meeting of the European Neurological Society”, 20-24 Iunie 2009, Milano, Italia. (30 de puncte).

Grant oferit prin competitie de "European Neurological Society".

<http://www.congrex.ch/ens2009/>

Contact : martina.mutter@congrex.com

10. Travel Award in cadrul "XIV European Conference on Developmental Psychology", 18-22 August 2009, Vilnius, Lituania. (30 de puncte).

Grant oferit prin competitie de "Jacobs Foundation" prin „European Society for Developmental Psychology".

<http://www.ecdp2009.com/index.php?id=33>

Contact: info@ecdp2009.com

11. Travel Award in cadrul "XVIII WFN World Congress on Parkinson's Disease and Other Movement Disorders", 13-16 Decembrie 2009, Miami, SUA. (30 de puncte).

Grant oferit prin competitie de "Melvin Yahr International Parkinson's Disease Foundation" prin „Kenes International".

http://www2.kenes.com/parkinson/Traveling/Pages/Travel_Awards.aspx

Contact: ieliav@kenes.com.

12. Travel Award in cadrul "ECNP Workshop on Neuropsychopharmacology for Young Scientists in Europe", 4-7 Martie 2010, Nisa, Franta. (30 de puncte).

Grant oferit prin competitie de catre "European College of Neuropsychopharmacology"

<http://www.ecnp.eu/emc.asp?pageId=1599>

Contact: Nice2010@ecnp.eu

13. Training and Travel Award in cadrul „20th Meeting of the European Neurological Society”, 19 – 23 June 2010, Berlin

Grant oferit prin competitie de "European Neurological Society".

<http://www.congrex.ch/ens2010/>

Contact : martina.mutter@congrex.com

14. Travel grant in cadrul "Fens Forum", 3-7 July, Amsterdam.

Grant oferit prin competitie de IBRO («International Brain Research Organization») si CEERC («Central & Eastern Europe Regional Committee»)

<http://fens2010.neurosciences.asso.fr/pages/sub/Societies/IBROCEERClist.php>

15. Bursary in cadrul XVIIth International Congress of Neuropathology (ICN 2010), Salzburg, Austria, September 11 - 15, 2010.

Bursa oferita prin competitie de International Society of Neuropathology .

<http://www.intsocneuropathol.com/>

Contact: Dr. Seth Love - ISN@sethlove.co.uk.

16. Bursary si travel grant in cadrul 14th Congress of the European Federation of Neurological Societies (EFNS), Geneva, 25th to 28th September 2010.

Bursa oferita prin competitie de **European Federation of Neurological Societies (EFNS)**, in timp ce **travel grantul** a fost oferit prin competitie de **YNT (The European Association of Young Neurologists and Trainees)**.

http://www.eaynt.org/index.php?option=com_content&task=view&id=137&Itemid=89

<http://www2.kenes.com/efns2010/grants/Pages/Bursaries.aspx>

Contact: Dr. Cristian Falup-Pecurariu - crisfp100@yahoo.co.uk

17. Travel grant in cadrul World Federation of Societies of Biological Psychiatry (WFSBP), Prague, 29 May – 2 June 2011.

Bursa oferita prin competitie de **WFSBP - World Federation of Societies of Biological Psychiatry**.

<http://www.wfsbp-congress.org/scientific-programme/grants-awards.html>

Contact: wfsbp2011@cpo-hanser.de

18. Travel grant in cadrul 8th WORLD CONGRESS OF IBRO, 14-18 Iulie 2011, Florenta.

Bursa oferita prin competitie de **International Brain Research Organization**.

http://funding.ibro.info/Pub/Pub_Main_Display.asp?LC_Docs_ID=5124

Contact: Stephanie de La Rochefoucauld" <stephanie@ibro.info

19. Bursa in cadrul 15th Congress of the European Federation of Neurological Societies (EFNS), Budapesta, 10-13 Septembrie 2011.

Bursa oferita prin competitie de **European Federation of Neurological Societies (EFNS)**.

<http://efns2011.efns.org/>

20. Travel grant pentru Alzheimer's Association International Conference (ICAD), 16-21 July 2011, Paris.

21. Travel grant pentru XIX World Congress on Parkinson's disease and Related Disorders, Shanghai, China, 11-14 December 2011.

22. Travel grant pentru 8th FENS Forum of Neuroscience - Barcelona July 14-18, 2012.

http://www.spn.org.pt/docs/TravelGrantRecipients_FENS2012.pdf

23. Travel grant pentru 14th World Congress on Pain, August 27-31, 2012. Milano.

24. Travel grant pentru 11th World Congress of Biological Psychiatry, 23 - 27 June 2013, Kyoto, Japan.

Bursa oferita prin competitie de **World Federation of Societies of Biological Psychiatry**.

25. Travel grant pentru XX World Congress on Parkinson's Disease and Related Disorders, Geneva, Switzerland, 8-11 December, 2013.

Grant oferit prin competitie de **Melvin Yahr International Parkinson's Disease Foundation and the Association of Parkinsonism and Related Disorders**.

26. Travel grant pentru 5th World Congress on Pain October 6–11, 2014, Buenos Aires, Argentina. Chair of the Financial Aid Competition Dr. Charles Inturrisi, Department of Pharmacology, Weill Cornell Medical College, New York.

“Brain Awareness Week” Award - martie 2008 - câștigat în cadrul unei competiții organizate de **Fundația Dana din SUA și Federația Europeană De Neuroștiințe (FENS)**.

http://fens.mdc-berlin.de/media/pdf/baw_projects_2008.pdf

Contact: a.buchheister@mdc-berlin.de

NATIONALE

“The special prize for the poster presentation” în cadrul **“Fundamental Sciences Section”** de la conferința internațională intitulată **“The 5th International Congress for Medical Students and Young Doctors”**, **3-6 Aprilie 2008, Iasi**, cu posterul **“The acetylcholine-catecholamine balance. The interaction between the learning and memory deficits and oxidative stress”**. Comisia de premiere a fost formată din Rectorul Universității de Medicină și Farmacie **“Gr. T. Popa” Iasi**, Prof. Dr. Vasile Astarastoe și Decanul Facultății de Medicină, Prof. Dr. Doina Azoicai. (30 de puncte).

Selected expert for the Workshop “ECNP Targeted Expert Meeting on Autism: from deviant neurodevelopment through illness mechanisms towards impaired function”, 12-13 October 2012, Vienna Austria.

http://www.ecnp.eu/en/meetings/tems/tems2012/programme_%20autism.aspx

Networking

Short training stage (December 2007) in **Dept. of Molecular Biology of Umea University** (Sweden) – Prof. **Anna Berghard** and Prof. **Staffan Bohm** (collaborators of **Linda Buck, Nobel Winner-2004**).

Short Scientific Visit (June 2013) in **Department of Psychiatry, Osaka University, Graduate School of Medicine**, Osaka, Japan.- Prof. **Masatoshi Takeda** and Prof. **Takashi Morihara**.

December 2013 – **Dr. Marin Kolisek** and Prof. **Jörg R. Aschenbach**, **Institut für Veterinär-Physiologie, Freie Universität Berlin** – developing and studying a new rat model of Parkinson’s disease, based on the possible deficiency of intracellular magnesium.

January 2014 – Prof. Dr. **Hafedh Abdelmelek**- **Faculty of Sciences de Bizerte (Tunisia)** – establishing further possible collaborations regarding behavioral studies and oxidative stress status in rats, by using European-African collaboration funds.

March 2014 – Prof. Dr. **Karl Aegir Karlsson**- **Reykjavik University** – setting the basis for further collaborations regarding the performing of some behavioral tasks in zebrafish, PD-related studies and models in zebrafish or drug screening in sleep-related zebrafish studies (e.g. Angiotensin-1-7).

Alte aspecte:

1. Din octombrie 2010 – **revizor in cadrul revistei** Progress in Neuro-Psychopharmacology & Biological Psychiatry (**IF 2,82**).
2. May 2011 - **revizor in cadrul revistei** Journal of Physiology and Biochemistry (IF 1,3).
3. May 2011 - - **revizor in cadrul revistei** BMC Psychiatry (**IF 1,83**).
4. January 2012 - **revizor in cadrul revistei** Psychiatry Research (**IF 2.803**).
5. February 2012 – **revizor in cadrul revistei** Journal of Alzheimer's Disease (**IF 4.261**).
6. February 2012 – **revizor in cadrul revistei** Oxidative Medicine and Cellular Longevity (**IF 2.468**).
7. Din 24 Mai 2012 - – **revizor in cadrul revistei** Journal of Psychiatric Research (**IF 3.827**).
8. Din 12 Octombrie 2012 – **revizor in cadrul revistei** Psychiatry and Clinical Neurosciences (**IF 2.133**).
9. Din 15 Octombrie 2012 – **revizor in cadrul revistei** Psychiatria Danubina (**IF 0.5**).
10. Din 31 Octombrie 2012 – **revizor in cadrul revistei** Redox Report (**IF 1.732**).
11. Din 12 Octombrie 2012 – **revizor in cadrul revistei** Psychiatry and Clinical Neurosciences (**IF 2.133**).
12. Din 24 Decembrie 2012 – **revizor in cadrul revistei** Neurochemical Research (**IF 2.24**).
13. **Din 20 Februarie 2013 – revizor in cadrul revistei** Journal of Neurological Disorders
14. **Din 24 Martie 2013 - revizor in cadrul revistei** Annals of Medical and Health Sciences Research (indexata Pubmed)
15. **Din 31 Martie 2013 - revizor in cadrul revistei** Frontiers in Cellular Neuroscience
16. **Din 6 Martie 2012 - revizor in cadrul revistei** Oman Medical Journal (indexata Pubmed)
17. **Din 2 Aprilie 2013 - revizor in cadrul revistei** Journal of Physical Chemistry & Biophysics
18. **Din 5 Octombrie 2012 – revizor in cadrul revistei** African Journal of Biotechnology (**IF 0.573**)
19. **Din 28 Iunie 2012- revizor in cadrul revistei** Journal of Drug Metabolism & Toxicology (indexata Pubmed)
20. **Din 7 Martie 2012– revizor in cadrul revistei** African Journal of Pharmacy and Pharmacology (**IF 0.5**).
21. **Din 6 Aprilie 2013 - revizor in cadrul revistei** Chemosphere (**IF 2011 3.206**).
22. **Din 8 Aprilie 2013 - revizor in cadrul revistei** Folia Neuropathologica (**IF 2011 1.234**).
23. **Din 7 August 2013 - revizor in cadrul revistei** Journal of Membrane Biology (**IF 2012 2.478**).
24. **Din 15 August 2013 - revizor in cadrul revistei** European Journal of Gastroenterology & Hepatology (**IF 2012 1.915**).

25. Din 22 August 2013 - revizor in cadrul revistei Schizophrenia Research (IF 2012 4.974).
26. Din 18 Noiembrie 2013- revizor in cadrul revistei World Journal of Gastroenterology (IF 2012 2.547).
27. Din 25 Noiembrie 2013 - revizor in cadrul Revistei Romane de Bioetica (IF 2012 1).
28. Din 3 Ianuarie 2014 - revizor in cadrul Neuropsychiatric Disease and Treatment (IF 2012 2.000).
29. Din 13 Ianuarie 2014 - revizor in cadrul Journal of Experimental and Integrative Medicine.
30. Din 4 Februarie 2014 - revizor in cadrul Geriatrics & Gerontology International (IF 2012 2.167).
31. Din 8 Iulie 2014 -- revizor in cadrul Pharmaceutical Sciences (indexata Pubmed).
32. Din 15 Iulie 2014 -- revizor in cadrul Journal of Developing Drugs (indexata Pubmed).

Citari (exclusiv autoritari);

Citari (fara autocitari): peste 300, h-index: 13

FACTOR DE IMPACT SUMAT DIN CITARI PE ULTIMII 4 ANI – PESTE 800

Padurariu M, Ciobica A, Hritcu L, Stoica B, Bild W, Stefanescu C., **Changes of some oxidative stress markers in the serum of patients with mild cognitive impairment and Alzheimer's disease**, *Neuroscience Letters*, 2010, 469 (1), 6-10.

was cited in:

- 1) M. Guglielmotto, L. Giliberto, E. Tamagno, M. Tabaton. Oxidative stress mediates the pathogenic effect of different Alzheimer's disease risk factors, *Frontiers in Aging Neuroscience*, 2010, 2(3), 1-8. **IF 2012 5,2.**
- 2) Dixit Abhinav, Vijaya Lakshmi, Sandeep Chouhan, Neelam Vaney. Alteration of Oxidative Stress Markers in Blood of Patients with Dementia. *Indian Journal of Medical Specialities*, 2010, 1(1), 26-29.
- 3) Negre-Salvayre, A., Aude, N., Ayala, V., Basaga, H. , Boada, J., Brenke, R., Chapple, S., Cohen, G. , Feher, J., Grune, T., Lengyel, G., Mann, G.E., Pamplona, R., Poli, G., Portero-Otin, M., Riahi, Y., Salvayre, R., Sasson, S., Serrano, J., Shamni, O., Siems, W., Siow, R.C., Wiswedel, I., Zarkovic, K., Zarkovic, N., Pathological aspects of lipid peroxidation, *Free Radical Research*, 2010, 44 (10), 1125-1171. IF 2009 2.215
- 4) Burns Alistair, Current awareness in geriatric psychiatry. *International Journal of Geriatric Psychiatry*, 2010, Volume 25, Issue 9 (Special Issue: The Challenges of Dementia: an International Perspective), pages i–viii, DOI: 10.1002/gps.2397. IF 2009 1.981
- 5) Maruszak A, Zekanowski C. Mitochondrial dysfunction and Alzheimer's disease. *Prog Neuropsychopharmacol Biol Psychiatry*, Volume 35, Issue 2, 30 March 2011, Pages 320-330. IF 2009 2.823.

- 6) Bansal N, Parle M. Soybean Supplementation Helps Reverse Age- and Scopolamine-Induced Memory Deficits in Mice. *J Med Food*. 2010 Dec;13(6):1293-300. IF 2009 1.39.
- 7) Mossello Enrico, Elena Ballini, Anna Maria Mello, Francesca Tarantini, David Simoni, Samuele Baldasseroni, Niccolò Marchionni, Biomarkers of Alzheimer's Disease: from Central Nervous System to Periphery?, *International Journal of Alzheimer's Disease*, 2011, 342980, doi:10.4061/2011/342980.
- 8) Lee Jeung-Min, Jae-Hee Park, Hae-Ryong Park, Eunju Park, Antioxidant and Alpha-Glucosidase Inhibitory Activity of *Strychnos nux-vomica* Extracts, *J Korean Soc Food Sci Nutr*, 2010, 39(9), 1243-1248.
- 9) Carlson BW, Neelon VJ, Carlson JR, Hartman M, Bliwise DL, Cerebral Oxygenation in Wake and During Sleep and Its Relationship to Cognitive Function in Community-Dwelling Older Adults without Sleep Disordered Breathing, *J Gerontol A Biol Sci Med Sci*. 2011 Jan;66(1):150-6. **IF 2009 3.083.**
- 10) Zhixian Southern, Oxidative stress and Alzheimer's disease. The progress of antioxidant therapy. *Journal of International Neurology and Neurosurgery*, 2010, 37 (4).
- 11) Agarwal NB, Agarwal NK, Mediratta PK, Sharma KK. Effect of lamotrigine, oxcarbazepine and topiramate on cognitive functions and oxidative stress in PTZ kindled mice. *Seizure*, Volume 20, Issue 3, April 2011, Pages 257-262. IF 2009 2.233.
- 12) Marjelo A. Mines, Eleonore Beurel, Richard S. Jope, Regulation of cell survival mechanisms in Alzheimer's disease by glycogen synthase kinase-3 (GSK3), *International Journal of Alzheimer's Disease*, 2011, 861072, doi:10.4061/2011/861072.
- 13) Naqvi Asghar Z., Brian Harty, Kenneth J. Mukamal, Anne M. Stoddard, Mara Vitols, Julie E. Dunn, Monounsaturated, Trans, and Saturated Fatty Acids and Cognitive Decline in Women, *Journal of the American Geriatrics Society*, May 2011, Volume 59, Issue 5, 837–843. **IF 2009 3.656.**
- 14) Luo T, Zhang H, Zhang WW, Huang JT, Song EL, Chen SG, He F, Xu J, Wang HQ. Neuroprotective effect of Jatrorrhizine on hydrogen peroxide-induced cell injury and its potential mechanisms in PC12 cells. *Neurosci Lett*. 2011 Jul 12;498(3):227-31. IF 2010 2.055.
- 15) Loeff M, Schrauzer GN, Walach H. Selenium and Alzheimer's disease: a systematic review. *J Alzheimers Dis*. 2011 Jan 1;26(1):81-104. **IF 2010 5.101.**
- 16) Torres LL, Quaglio NB, de Souza GT, Garcia RT, Dati LM, Moreira WL, de Melo Loureiro AP, de Souza-Talarico JN, Smid J, Porto CS, de Campos Bottino CM, Nitrini R, de Moraes Barros SB, Camarini R, Marcourakis T. Peripheral oxidative stress biomarkers in mild cognitive impairment and Alzheimer's disease. *J Alzheimers Dis*. 2011 Jan 1;26(1):59-68. **IF 2010 5.101.**
- 17) Cheng L, Wang SH, Chen QC, Liao XM. Moderate noise induced cognition impairment of mice and its underlying mechanisms. *Physiol Behav*. 2011 Oct 24;104(5):981-8. **IF 2010 2.891.**
- 18) Silva FF, R Esteves, R Oliveira, M Cardoso, Mitochondria: The Common Upstream Driver of Amyloid-and Tau Pathology in Alzheimers Disease, *Current Alzheimer Research*, Volume 8, Number 5, August 2011, pp. 563-572. **IF 2010 4.953.**
- 19) Bennett Stuart James, Oxidative Stress Biomarkers in Dementia, 2010, The University of Birmingham, United Kingdom, 60, 214.

- 20) Dong Y, Yang N, Liu Y, Li Q, Zuo P. The neuroprotective effects of phytoestrogen α -zearalanol on β -amyloid-induced toxicity in differentiated PC-12 cells. *Eur J Pharmacol.* 2011 Nov 30;670(2-3):392-8. IF 2010 2.737.
- 21) Hirano Yukinori, Yuji Kuriyama Tomoyuki, Miyashita Junjiro Horiuchi, Minoru Saitoe, Reactive oxygen species are not involved in the onset of age-related memory impairment in *Drosophila*, *Genes, Brain and Behavior*, Volume 11, Issue 1, pages 79–86, February 2012. **IF 2010 4.061.**
- 22) Matveychuk Dmitriy, Serdar M. Dursun, Paul L. Wood, Glen B. Baker, Reactive Aldehydes and Neurodegenerative Disorders, *Bulletin of Clinical Psychopharmacology* 2011;21(4):277-88. IF 2010 0.273.
- 23) Liang RenJie, Effect of exercise and *Lycium barbarum* extract on serum Fe level and liver antioxidant enzyme activities rats fed with Fe-rich diet, *Journal of Medicinal Plants Research*, 2011, Vol. 5(25), pp. 6097-6101. IF 2010 0.879.
- 24) Talarowska M, P Gałeczki, M Maes, A Gardner, Malondialdehyde plasma concentration correlates with declarative and working memory in patients with recurrent depressive disorder, *Molecular Biology Reports*, 2011, Volume 39, Number 5, 5359-5366. IF 2010 1,8.
- 25) Di Domenico, F., Coccia, R., Butterfield, D.A., Perluigi, M., Circulating biomarkers of protein oxidation for Alzheimer disease: Expectations within limits, *Biochimica et Biophysica Acta - Proteins and Proteomics*, 2011, 1814 (12), pp. 1785-1795. IF 2010 2.773.
- 26) López Riquelme, Implicación de los metales y elementos traza en la enfermedad de Alzheimer y su asociación con los agentes del estrés oxidativo sistémico, Universidad de Alicante. Departamento de Biotecnología y Biomedicina, 2011, ISBN: 978-84-694-8461-6.
- 27) Pocernich, C.B., Butterfield, D.A., Elevation of glutathione as a therapeutic strategy in Alzheimer disease, 2012, *Biochimica et Biophysica Acta - Molecular Basis of Disease* 1822 (5) , pp. 625-630. **IF 5,211.**
- 28) Venkateshappa C., G. Harish, Anita Mahadevan, M. M. Srinivas Bharath and S. K. Shankar, Elevated Oxidative Stress and Decreased Antioxidant Function in the Human Hippocampus and Frontal Cortex with Increasing Age: Implications for Neurodegeneration in Alzheimer's Disease, *Neurochemical Research*, 2012, 37 (8) , pp. 1601-1614. IF 2010 2.608.
- 29) Mueller C, Schrag M, Crofton A, Stolte J, Muckenthaler MU, Magaki S, Kirsch W. Altered serum iron and copper homeostasis predicts cognitive decline in mild cognitive impairment. *J Alzheimers Dis.* 2012 Jan 1;29(2):341-50. **IF 2010 5.101.**
- 30) Talarowska M, Piotr Gałeczki, Michael Maes, Kinga Bobińska and Edward Kowalczyk, Total Antioxidant Status Correlates with Cognitive Impairment in Patients with Recurrent Depressive Disorder, *Neurochemical Research*, 2012 Aug;37(8):1761-7. **IF 2,24.**
- 31) Harish G, C. Venkateshappa, Anita Mahadevan, Nupur Pruthi, M.M. Srinivas Bharath, S.K. Shankar, Mitochondrial function in human brains is affected by pre and postmortem factors, *Neuropathology and Applied Neurobiology*, Volume 39, Issue 3, pages 298–315, April 2013. **IF 2010 3.625.**
- 32) Liang Yongliang, James R. Roede, Sergey Dikalov, Nana Gletsu Miller, Samuel C. Dudley Jr., Arshed Quyyumi, Dean P. Jones, Determination of ebselen-sensitive reactive

oxygen metabolites (ebROM) in human serum based upon N,N'-diethyl-1,4-phenylenediamine oxidation, *Clinica Chimica Acta*, 2012 Jun 8;414C:1-6. doi: 10.1016/j.cca.2012.06.003. **IF 2010 2.388.**

33) Ferreiro, E., Baldeiras, I., Ferreira, I.L., Costa, R.O., Rego, A.C., Pereira, C.F., Oliveira, C.R., Mitochondrial- and endoplasmic reticulum-associated oxidative stress in alzheimers disease: From pathogenesis to biomarkers, 2012, *International Journal of Cell Biology* , art. no. 735206, doi:10.1155/2012/735206.

34) Klugman, A., Naughton, D.P., Isaac, M., Shah, I., Petroczi, A., Tabet, N., Antioxidant enzymatic activities in Alzheimer's disease: The relationship to acetylcholinesterase inhibitors, 2012, *Journal of Alzheimer's Disease* 30 (3) , pp. 467-474. **IF 2011 3.745.**

35) Puertas, M.C., Martínez-Martos, J.M., Cobo, M.P., Carrera, M.P., Mayas, M.D., Ramírez-Expósito, M.J., Plasma oxidative stress parameters in men and women with early stage Alzheimer type dementia, 2012, *Experimental Gerontology* 47 (8) , pp. 625-630. **IF 2011 3.741.**

36) Mahdy, K., Shaker, O., Wafay, H., Nassar, Y., Hassan, H., Hussein, A., Effect of some medicinal plant extracts on the oxidative stress status in Alzheimer's disease induced in rats, 2012, *European Review for Medical and Pharmacological Sciences* 16 (SUPPL. 3) , pp. 31-42. **IF 2011 1.040.**

37) Lee LK, S Shahar, NF Rajab, NAM Yusoff, RA Jamal, The role of long chain omega-3 polyunsaturated fatty acids in reducing lipid peroxidation among elderly patients with mild cognitive impairment: a case-control study, *The Journal of Nutritional Biochemistry*, 2013, volume 24, issue 5, year 2013, pp. 803 - 808. **IF 2011 3,891.**

38) Oma S, Mawatari S, Saito K, Wakana C, Tsuboi Y, Yamada T, Fujino T: Changes in Phospholipid Composition of Erythrocyte Membrane in Alzheimer's Disease. *Dement Geriatr Cogn Disord Extra* 2012;2:298-303.

39) Zabłocka A, Janusz M. Effect of the Proline-Rich Polypeptide Complex/Colostrinin™ on the Enzymatic Antioxidant System, *Archivum Immunologiae et Therapiae Experimentalis*, Volume 60, Number 5 (2012), 383-390. **IF 2011 2,541.**

40) Qiu Caixia, Xue Lianbi, Research progress the antioxidant therapy in Alzheimer's disease, *Beijing Medical Journal*, 2012, 34 (1).

41) Erickson MA, Hansen K, Banks WA. Inflammation-induced dysfunction of the low-density lipoprotein receptor-related protein-1 at the blood-brain barrier: Protection by the antioxidant N-acetylcysteine. *Brain Behav Immun.* 2012 Oct;26(7):1085-94. **IF 2011 4.720.**

42) Silva, D.F., Selfridge, J.E., Lu, J., E, L., Cardoso, S.M., Swerdlow, R.H., Mitochondrial Abnormalities in Alzheimer's Disease. Possible Targets for Therapeutic Intervention, *Advances in Pharmacology* 2012, 64 , pp. 83-126.

43) Yegin Aysenur, Nurullah Ay1, Ozgur Aydin1, Nedim Yargici2, Esin Eren3, Necat Yilmaz, Increased Oxidant Stress and Inflammation in Patients with Chronic Schizophrenia, *International Journal of Clinical Medicine*, 2012, 3, 368-376.

44) Pathak Kanhaiya, Anubhav Sharma, Sunil Kumar Mishra, In vitro and in vivo antioxidant activity of Capparis Decidua Linn., *Asian Pacific Journal of Tropical Biomedicine*, (2012)1-6.

- 45) Greenough MA, Camakaris J, Bush AI. Metal dyshomeostasis and oxidative stress in Alzheimer's disease. *Neurochem Int.* Volume 62, Issue 5, April 2013, Pages 540–555. **IF 2011 2.857.**
- 46) Quintanilla RA, Orellana JA, von Bernhardt R. Understanding Risk Factors for Alzheimer's Disease: Interplay of Neuroinflammation, Connexin-based Communication and Oxidative Stress. *Arch Med Res.* Volume 43, Issue 8, November 2012, Pages 632–644. **IF 2011 1.733.**
- 47) Fleming JL, Phiel CJ, Toland AE. The Role for Oxidative Stress in Aberrant DNA Methylation in Alzheimer's Disease. *Curr Alzheimer Res,* Volume 9, Number 9, November 2012 , pp. 1077-1096(20). **IF 2011 3.95.**
- 48) Johnson WM, Wilson-Delfosse AL, Mieyal JJ. Dysregulation of glutathione homeostasis in neurodegenerative diseases. *Nutrients.* 2012 Oct 9;4(10):1399-440. **IF 2011 0.676.**
- 49) Evans, Randall Gene, The relationship between dietary intake and glutathione in older adults, University of Kansas, USA, 2012, Thesis.
- 50) Zhang G, Morin C, Zhu X, Bao Huynh M, Ouidir Ouidja M, Sepulveda-Diaz JE, Raisman-Vozari R, Li P, Papy-Garcia D. Self-evolving oxidative stress with identifiable pre- and postmitochondrial phases in PC12 cells. *J Neurosci Res.* 2013 91 (2) , pp. 273-284. **IF 2011 2.738**
- 51) Zito G, Polimanti R, Panetta V, Ventriglia M, Salustri C, Siotto M, Moffa F, Altamura C, Vernieri F, Lupoi D, Cassetta E, Rossini PM, Squitti R. Antioxidant status and APOE genotype as susceptibility factors for neurodegeneration in Alzheimer's disease and vascular dementia. *Rejuvenation Res.* 2012 Dec 6. [Epub ahead of print] PubMed PMID: 23216585. **IF 2011 3.826**
- 52) Cheng L, Wang SH, Jia N, Xie M, Liao XM. Environmental stimulation influences the cognition of developing mice by inducing changes in oxidative and apoptosis status. *Brain and Development,* volume 36, issue 1, year 2014, pp. 51 - 56. **IF 2011 2.1**
- 53) NAVARRO PINEDA, DARINEL, 2012, Efecto del Ginkgo biloba sobre la relación β Amiloide 42/40 Plasmática en Ancianos con Deterioro Cognitivo Leve, Thesis.
- 54) Di Domenico F, Barone E, Mancuso C, Perluigi M, Cocciolo A, Mecocci P, Butterfield DA, Coccia R. HO-1/BVR-a system analysis in plasma from probable Alzheimer's disease and mild cognitive impairment subjects: a potential biochemical marker for the prediction of the disease. *J Alzheimers Dis.* 2012;32(2):277-89. **IF 2011 3.745.**
- 55) López N, Tormo C, De Blas I, Llinares I, Alom J. Oxidative stress in Alzheimer's disease and mild cognitive impairment with high sensitivity and specificity. *J Alzheimers Dis.* 2013;33(3):823-9. . **IF 2011 3.745.**
- 56) Dong Y, Wang Y, Yu H, Liu Y, Yang N, Zuo P. Involvement of Heat Shock Protein 70 in the DNA Protective Effect From Estrogen. *Am J Alzheimers Dis Other Dement.* May 2013 vol. 28 no. 3 269-277. **IF 2011 1.453.**
- 57) Haddadi M, Jahromi SR, Shivanandappa T, Ramesh SR. *Decalepis hamiltonii* Root Extract Attenuates the Age-Related Decline in the Cognitive Function in *Drosophila melanogaster*. *Behav Brain Res.* 249, issue , year 2013, pp. 8 - 14. **IF 2011 3.417.**
- 58) Duffy SL, Lagopoulos J, Hickie IB, Diamond K, Graeber MB, Lewis SJ, Naismith SL. Glutathione relates to neuropsychological functioning in mild cognitive impairment. *Alzheimers Dement.* volume 10, issue 1, year 2014, pp. 67 - 75., **IF 2011 6.3.**

- 59) Chico L, Simoncini C, Gerfo AL, Rocchi A, Petrozzi L, Cecilia C, Volpi L, Tognoni G, Siciliano G, Bonuccelli U. Oxidative Stress and APO E polymorphisms in Alzheimer's disease and in Mild Cognitive Impairment. *Free Radic Res.* 2013 May 14. [Epub ahead of print] PubMed PMID: 23668794. **IF 2011 2,87**
- 60) Cardoso BR, Cominetti C, Cozzolino SMF, Importance and management of micronutrient deficiencies in patients with Alzheimer's disease, *Clinical Interventions in Aging*, May 2013 Volume 2013:8, 531 – 542 DOI: doi.org/10.2147/CIA.S27983
- 61) R SULTANA, G CENINI, DA BUTTERFIELD - Molecular Basis of Oxidative Stress: Chemistry, Mechanisms, and Disease, 2013.
- 62) Yan Zhao and Baolu Zhao, Oxidative stress and the pathogenesis of Alzheimer's disease, *Oxidative Medicine and Cellular Longevity* Volume 2013 (2013), Article ID 316523. **IF 2012 3.333.**
- 63) RODRIGO GUZMÁN MARTÍNEZ, ENVEJECIMIENTO POBLACIONAL Y DISCAPACIDAD COGNITIVA: FUNCIÓN RENAL EN SÍNDROME DE DOWN Y APROXIMACIÓN TERAPÉUTICA DEL AGUA SULFURADA EN ENFERMEDAD DE ALZHEIMER, TESIS DOCTORAL, FACULTAD DE CIENCIAS BIOLÓGICAS, Madrid, 2013.
- 64) Schrag M, Mueller C, Zabel M, Crofton A, Kirsch WM, Ghribi O, Squitti R, Perry G. Oxidative stress in blood in Alzheimer's disease and mild cognitive impairment: A meta-analysis. *Neurobiol Dis.* 2013 Jul 15;59C:100-110. **IF 2012 5.624.**
- 65) Adedayo Damilare Adekomi, Olusola Bolaji Adewale, Ola Adulrasheed Muhameed, , Adedoyin Mojeed Agbaje, and Tajudeen Oyesina Oyesom, Neuronal alterations in the prefrontal cortex of rats with carbon tetrachloride (CCl4) induced hepatic damage, *Journal of Clinical Pathology and Forensic Medicine*, Vol. 4(1), pp. 6-14.
- 66) F. Silva, D.; Santana, I.; R. Esteves, A.; Baldeiras, I.; M. Arduino, D.; R. Oliveira, C.; M. Cardoso, S., Prodromal Metabolic Phenotype in MCI Cybrids: Implications for Alzheimer's Disease, *Current Alzheimer Research*, Volume 10, Number 2, February 2013 180-190, (11). **IF 2012 3.676**
- 67) Ma XR, Sun ZK, Liu YR, Jia YJ, Zhang BA, Zhang JW, Resveratrol improves cognition and reduces oxidative stress in rats with vascular dementia, *NEURAL REGENERATION RESEARCH*, Volume 8, Issue 22, August 2013, doi:10.3969/j.issn.1673-5374.2013.22.004. **IF 2012 0.144.**
- 68) Lee, L.K., Foo, K.Y., Recent advances on the beneficial use and health implications of Pu-Erh tea, *Food Research International*, 2013, 53 (2) , pp. 619-628. **IF 2012 3.005.**
- 69) Barone E, Di Domenico F, Mancuso C, Butterfield DA. The Janus face of the heme oxygenase/biliverdin reductase system in Alzheimer disease: It's time for reconciliation. *Neurobiol Dis.* 2013 Oct 2;62C:144-159. **IF 2012 5.624.**
- 70) Siddiqui, Ahad M., "The Effect of Different Microglial Activation States on the Survival of Retinal Ganglion Cells" (2013). Open Access Dissertations and Theses. Paper 8337.
- 71) Lok K, Zhao H, Zhang C, He N, Shen H, Wang Z, Zhao W, Yin M. Effects of accelerated senescence on learning and memory, locomotion and anxiety-like behavior in APP/PS1 mouse model of Alzheimer's disease. *J Neurol Sci.* volume 335, issue 1-2, year 2013, pp. 145 - 154. **IF 2012 2.243.**

- 72) Haddadi M, Jahromi SR, Sagar BK, Patil RK, Shivanandappa T, Ramesh SR. Brain aging, memory impairment and oxidative stress: A study in *Drosophila melanogaster*. *Behav Brain Res*. volume 259, issue , year 2014, pp. 60 - 69. IF 2012 3.327.
- 73) Lisa Arodin, Heidrun Lamparter, Håkan Karlsson, Inger Nennesmo, Mikael Björnstedt, Johannes Schröder, Aristi P. Fernandes, Alteration of Thioredoxin and Glutaredoxin in the Progression of Alzheimer's Disease, *Journal of Alzheimer's Disease*, DOI 10.3233/JAD-131814. **IF 2012 5.101.**
- 74) Monika Talarowska, Kinga Bobińska, Marlena Zajączkowska, Kuan-Pin Su, Michael Maes, Piotr Gałęcki, Impact of oxidative/nitrosative stress and inflammation on cognitive functions in patients with recurrent depressive disorders, *Med Sci Monit*. 2014; 20: 110–115. IF 2012 1.358.
- 75) Saharan S, Mandal PK. The Emerging Role of Glutathione in Alzheimer's Disease. *J Alzheimers Dis*. 2014 Feb 4. [Epub ahead of print] PubMed PMID: 24496077. **IF 2012 4.174.**
- 76) Persson Torbjörn, Bogdan O. Popescu, Angel Cedazo-Minguez, Oxidative Stress in Alzheimer's Disease: Why Did Antioxidant Therapy Fail? *Oxidative Medicine and Cellular Longevity* Volume 2014 (2014), Article ID 427318, 11 pages, <http://dx.doi.org/10.1155/2014/427318>, **IF 2012 3.3.**
- 77) Naeini A. M. Alavi, I. Elmadfa, A. Djazayery, M. Barekatain, M. R. Aghaye Ghazvini, M. Djalali, A. Feizi, The effect of antioxidant vitamins E and C on cognitive performance of the elderly with mild cognitive impairment in Isfahan, Iran: a double-blind, randomized, placebo-controlled trial, *European Journal of Nutrition*, December 2013, DOI 10.1007/s00394-013-0628-1. **IF 2012 3.12**
- 78) Agnese Picco, M. Cristina Polidori, Michela Ferrara, Roberta Cecchetti, Dario Arnaldi, Mauro Baglioni, Silvia Morbelli, Patrizia Bastiani, Irene Bossert, Giuliana Fiorucci, Plasma antioxidants and brain glucose metabolism in elderly subjects with cognitive complaints, *European Journal of Nuclear Medicine and Molecular Imaging*, **IF 2012 5.11.**
- 79) Khanh vinh quốc Lương, Lan Thi Hoàng Nguyễn, The role of thiamine in schizophrenia, *American Journal of Psychiatry and Neuroscience*, 2013; 1(3): 38-46.
- 80) Chun Yang, Bin Zhu, Jie Ding, Zhi-Gang Wang, Isoflurane anesthesia aggravates cognitive impairment in streptozotocin-induced diabetic rats, *Int J Clin Exp Med* 2014;7(4):903-910.
- 81) Anmu Xie, Jing Gao,¹ Lin Xu,¹ and Dongmei Meng, Shared Mechanisms of Neurodegeneration in Alzheimer's Disease and Parkinson's Disease, *BioMed Research International* Volume 2014 (2014), Article ID 648740. **IF 2012 2.88.**
- 82) Sreeram Krishnan, P. Rani, Evaluation of Selenium, Redox Status and Their Association with Plasma Amyloid/Tau in Alzheimer's Disease, *Biological Trace Element Research*, May 2014, Volume 158, Issue 2, pp 158-165. IF 2012 1,3
- 83) Ya-Ting Chang,^{1,2} Wen-Neng Chang,¹ Nai-Wen Tsai,¹ Chih-Cheng Huang,¹ Chia-Te Kung,³ Yu-Jih Su,^{2,4} Wei-Che Lin,⁵ Ben-Chung Cheng,^{2,4} Chih-Min Su,^{2,4} Yi-Fang Chiang,¹ and Cheng-Hsien Lu, The Roles of Biomarkers of Oxidative Stress and Antioxidant in Alzheimer's Disease: A Systematic Review, *BioMed Research International* Volume 2014 (2014), Article ID 182303. **IF 2012 2.88**
- 84) Antonio Ayala, Mario F. Muñoz, and Sandro Argüelles, Lipid Peroxidation: Production, Metabolism, and Signaling Mechanisms of Malondialdehyde and 4-Hydroxy-

2-Nonenal, *Oxidative Medicine and Cellular Longevity* Volume 2014 (2014), Article ID 360438. **IF 2012 3.39.**

85) Najem D, Bamji-Mirza M, Chang N, Liu QY, Zhang W. Insulin resistance, neuroinflammation, and Alzheimer's disease. *Rev Neurosci.* 2014 Mar 13. **IF 2012 3.32**

86) Walton JR. Chronic Aluminum Intake Causes Alzheimer's Disease: Applying Sir Austin Bradford Hill's Causality Criteria. *J Alzheimers Dis.* 2014 Jan 1;40(4):765-838. **IF 4,1**

87) Sarah Cahill-Smith, Jian-Mei Li, Oxidative stress, redox-signalling and endothelial dysfunction in ageing-related neurodegenerative diseases: A role of NADPH oxidase 2, *British Journal of Clinical Pharmacology.* **IF 2012 3,57.**

88) Sheridan J, et al, Determinants of short- and long-term survival from colorectal cancer in very elderly patients, *J Geriatr Oncol* (2014), IF 2012 1.1

Padurariu M, Ciobica A, Dobrin I, Stefanescu C. **Evaluation of antioxidant enzymes activities and lipid peroxidation in schizophrenic patients treated with typical and atypical antipsychotics.** *Neurosci Lett.* 2010 Aug 2; 479(3):317-20.

was cited in:

1) Choy KH, Dean O, Berk M, Bush AI, den Buuse MV, Effects of N-acetylcysteine treatment on glutathione depletion and a short-term spatial memory deficit in 2-cyclohexene-1-one-treated rats. *Eur J Pharmacol.* 2010 Dec 15;649(1-3):224-8. IF 2009 2.585.

2) Reddy R, Reddy R. Antioxidant therapeutics for schizophrenia. *Antioxid Redox Signal.* 2011 Oct 1;15(7):2047-55. **IF 2010 8.209.**

3) Bitanihirwe BK, Woo TU. Oxidative stress in schizophrenia: an integrated approach. *Neurosci Biobehav Rev.* 2011 Jan;35(3):878-93. **IF 2009 7.791.**

4) Yao JK, Keshavan MS. Antioxidants, Redox Signaling, and Pathophysiology in Schizophrenia: An Integrative View. *Antioxid Redox Signal.* 2011, Oct 15(7): 2011-2035. **IF 2010 8.209.**

5) Li Xue Feng, You Lan Zheng, Mei Hong Xiu, Da Chun Chen, Thomas R. Kosten, Xiang Yang Zhang, Reduced plasma total antioxidant status in first-episode drug-naïve patients with schizophrenia, *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 2011 Jun 1;35(4):1064-7. IF 2009 2.823.

6) Ozornina HB, AC Ozornin, HB Govorin, Tereshkov PP. Changes in lipid peroxidation and antiradical protection in patients with first psychotic episode, *Transbaikalia Medical Vestnik*, 2011, 1, 10-16.

7) Agostinho Fabiano R., Gislaïne Z. Réus, Roberto B. Stringari, Karine F. Ribeiro, Gabriela K. Ferreira, Isabela C. Jeremias, Giselli Scaini, Gislaïne T. Rezin, Emílio L. Streck, João Quevedo, Olanzapine plus fluoxetine treatment alters mitochondrial respiratory chain activity in the rat brain, *Acta Neuropsychiatrica*, Volume 23, Issue 6, pages 282–291, December 2011, IF 2010 0.529.

8) Magalhães Pedro V S, Ana Cristina Andreazza, Michael Berk, Flávio Kapczinski, Olivia Dean, Antioxidant treatments for schizophrenia (Protocol), *Cochrane Database of Systematic Reviews* 2011, Issue 1. Art. No.: CD008919. DOI: 10.1002/14651858.

- 9) Kartalci S, Karabulut AB, Ozcan AC, Porgali E, Unal S. Acute and chronic effects of electroconvulsive treatment on oxidative parameters in schizophrenia patients. *Prog Neuropsychopharmacol Biol Psychiatry*. 2011 Aug 15;35(7):1689-94. IF 2010 2.877.
- 10) Togar Başak, Hasan Turkez, Abdulgani Tatar, Ismet Kirkpınar, Ahmet Hacimuftuoglu, Fatime Geyikoglu, M Sait Keles, Ebubekir Dirican, The genotoxic potentials of some atypical antipsychotic drugs on human lymphocytes, *Toxicology and Industrial Health*. 2012, 28 (4) , pp. 327-333. IF 2010 0.915.
- 11) Kluge W, Alsaif M, Guest PC, Schwarz E, Bahn S. Translating potential biomarker candidates for schizophrenia and depression to animal models of psychiatric disorders. *Expert Rev Mol Diagn*. 2011 Sep;11(7):721-33. IF 2010 4.652.
- 12) Mas Sergi, Patricia Gassó, Gemma Trias, Miquel Bernardo, Amalia Lafuente, Sulforaphane protects SK-N-SH cells against antipsychotic-induced oxidative stress, *Fundamental & Clinical Pharmacology*, 2011, 26 (6) , pp. 712-721, IF 2010 2.152.
- 13) de Araújo FY, de Oliveira GV, Gomes PX, Soares MA, Silva MI, Carvalho AF, de Moraes MO, de Moraes ME, Vasconcelos SM, Viana GS, de Sousa FC, Macêdo DS. Inhibition of ketamine-induced hyperlocomotion in mice by the essential oil of *Alpinia zerumbet*: possible involvement of an antioxidant effect. *J Pharm Pharmacol*. 2011 Aug;63(8):1103-10. IF 2010 1.918.
- 14) Wu Zhiwei, Xiang Yang Zhang, Huanhuan Wang, Wei Tang, Yu Xia, Fei Xue Zhang, Jiahong Liu, Ye Fu, Jianjun Hu, Yuanling Chen, Linjing Liu, Da Chun Chen, Mei Hong Xiu, Thomas R. Kosten, Jincai He, Elevated plasma superoxide dismutase in first-episode and drug naive patients with schizophrenia: Inverse association with positive symptoms, *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 2012, 36 (1) , pp. 34-38. IF 2010 2.877.
- 15) Drago Antonio, Concetta Crisafulli, Alessandro Serretti, The genetics of antipsychotic induced tremors: A genome-wide pathway analysis on the STEP-BD SCP sample, *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 2011 Dec;156B(8):975-86. DOI: 10.1002/ajmg.b.31245. **IF 2010 4.156.**
- 16) Macdowell KS, García-Bueno B, Madrigal JL, Parellada M, Arango C, Micó JA, Leza JC. Risperidone normalizes increased inflammatory parameters and restores anti-inflammatory pathways in a model of neuroinflammation. *Int J Neuropsychopharmacol*. 2013 16 (1) , pp. 121-135. **IF 2010 4.699.**
- 17) Pitts MW., Arjun V. Raman and Marla J. Berry, Schizophrenia, Oxidative Stress and Selenium, *Selenium*, 2012, Part 3, 355-367, DOI: 10.1007/978-1-4614-1025-6_28.
- 18) Zhang XY, Zhou DF, Shen YC, Zhang PY, Zhang WF, Liang J, Chen da C, Xiu MH, Kosten TA, Kosten TR. Effects of risperidone and haloperidol on superoxide dismutase and nitric oxide in schizophrenia. *Neuropharmacology*. 2012 Apr;62(5-6):1928-34. **IF 4.67.**
- 19) J M Coughlin, K Ishizuka, S I Kano, J A Edwards, F T Seifuddin, M A Shimano, E L Daley, P P Zandi, F M Leweke, N G Cascella, M G Pomper, R H Yolken and A Sawa, Marked reduction of soluble superoxide dismutase-1 (SOD1) in cerebrospinal fluid of patients with recent-onset schizophrenia, *Molecular Psychiatry*, 2013, 18 (1) , pp. 10-11 **IF 2010 15.470.**
- 20) Fraguas, D., Gonzalez-Pinto, A., Micó, J.A., Reig, S., Parellada, M., Martínez-Cengotitabengoa, M., Castro-Fornieles, J., Arango, C, Decreased glutathione levels predict loss of brain volume in children and adolescents with first-episode psychosis in a

two-year longitudinal study, *Schizophrenia Research* 2012, 137 (1-3) , pp. 58-65. **IF 2010 4.374.**

21) Andreazza AC, Combining redox-proteomics and epigenomics to explain the involvement of oxidative stress in psychiatric disorders, *Mol. BioSyst.*, 2012 Oct;8(10):2503-12. DOI: 10.1039/C2MB25118C, **IF 2010 3.859.**

22) Anderson GA, Maes M, Berk M. Schizophrenia is primed for an increased expression of depression through activation of immuno-inflammatory, oxidative and nitrosative stress, and tryptophan catabolite pathways. *Prog Neuropsychopharmacol Biol Psychiatry*. 2012 Aug 22. **IF 2011 3,2.**

23) Asevedo, Elson1 / Cunha, Gracielle R.1 / Zugman, André1 / Mansur, Rodrigo B.1 / Brietzke, Elisa1, N-acetylcysteine as a potentially useful medication to prevent conversion to schizophrenia in at-risk individuals, *Reviews in the Neurosciences*, 2012, Volume 23, Issue 4, Pages 353–362. **IF 2011 2.413.**

24) Kaya B, Akdağ N, Fadıllıoğlu E, Taycan SE, Emre MH, Unal S, Sayal A, Erdoğan H, Polat R. Elements levels and glucose-6-phosphate dehydrogenase activity in blood of patients with schizophrenia. *Düşünen Adam*. 2012; 25(3): 198-205.

25) Yegin Aysenur, Nurullah Ay1, Ozgur Aydin1, Nedim Yargici2, Esin Eren3, Necat Yilmaz, Increased Oxidant Stress and Inflammation in Patients with Chronic Schizophrenia, *International Journal of Clinical Medicine*, 2012, 3, 368-376.

26) H. Mabrouk, I. Houas, H. Mechria, A. Mechri, W. Douki, L. Gaha, M.F. Najjar, Oxidative stress markers in schizophrenic patients, *Immuno-analyse & Biologie Spécialisée*, Volume 28, Issue 1, February 2013, Pages 51–56, **IF 2011 0.38**

27) van der Kemp WJ, Klomp DW, Kahn RS, Luijten PR, Hulshoff Pol HE. A meta-analysis of the polyunsaturated fatty acid composition of erythrocyte membranes in schizophrenia. *Schizophr Res*. 2012 Nov;141(2-3):153-61. doi: 10.1016/j.schres.2012.08.014. **IF 2011 4.748.**

28) Tsai MC, Liou CW, Lin TK, Lin IM, Huang TL. Changes in oxidative stress markers in patients with schizophrenia: The effect of antipsychotic drugs. *Psychiatry Res*. 2013 Mar 13. doi:pii: S0165-1781(13)00044-9. **IF 2011 2.524.**

29) Ramos-Loyo J, Medina-Hernández V, Estarrón-Espinosa M, Canales-Aguirre A, Gómez-Pinedo U, Cerdán-Sánchez LF. Sex differences in lipid peroxidation and fatty acid levels in recent onset schizophrenia. *Prog Neuropsychopharmacol Biol Psychiatry*. 2013 Feb 16;44C:154-161. doi: 10.1016/j.pnpbp.2013.02.007. **IF 2011 3,2.**

30) Dietrich-Muszalska A, Justyna Kopka, Anna Kwiatkowska, The Effects of Ziprasidone, Clozapine and Haloperidol on Lipid Peroxidation in Human Plasma (in vitro): Comparison, *Neurochemical Research*, 2013, **IF 2011 2.24**

31) Zhornitsky S, Wee Yong V, Koch MW, Mackie A, Potvin S, Patten SB, Metz LM. Quetiapine Fumarate for the Treatment of Multiple Sclerosis: Focus on Myelin Repair. *CNS Neurosci Ther*. 2013 Jul 22. doi: 10.1111/cns.12154. **IF 2012 4.458**

32) Albayrak Y, Unsal C, Beyazyüz M, Unal A, Kuloğlu M. Reduced total antioxidant level and increased oxidative stress in patients with deficit schizophrenia: A preliminary study. *Prog Neuropsychopharmacol Biol Psychiatry*. 2013 Aug;45:144-9. **IF 2012 3.552.**

33) N. V. Ozornina, A. S. Ozornin, N. V. Govorin, Possible pathophysiological mechanisms of changes in several cytokines and in the lipid peroxidation and antioxidant defense system in first-episode schizophrenia patients, *Neurochemical Journal*, July 2013, Volume 7, Issue 3, pp 230-233. **IF 2012 0.235.**

- 34) Flatow J, Buckley P, Miller BJ. Meta-analysis of oxidative stress in schizophrenia. *Biol Psychiatry*. 2013 Sep 15;74(6):400-9. **IF 2012 9.247**
- 35) Oytun Erbaş, Hüseyin Serdar Akseki, Betül Eliküçük, and Dilek Taşkıran, Antipsychotic-Like Effect of Trimetazidine in a Rodent Model, *The Scientific World Journal*, Volume 2013 (2013), Article ID 686304.
- 36) Jiang Z, Cowell RM, Nakazawa K. Convergence of genetic and environmental factors on parvalbumin-positive interneurons in schizophrenia. *Front Behav Neurosci*. 2013 Sep 3;7:116. **IF 2012 4,8.**
- 37) Xingrong Ma, Zhikun Sun², Yanru Liu¹, Yanjie Jia¹, Boai Zhang¹, Jiewen Zhang, Resveratrol improves cognition and reduces oxidative stress in rats with vascular dementia, *Neural Regeneration Research*, 2013, Volume : 8, Issue : 22, 2050-2059. **IF 2012 0.144.**
- 38) Diebold Becky A, Susan Margaret Ellen Smith, Yang Li, J.D. Lambeth. *Antioxidants & Redox Signaling*. 2014. doi:10.1089/ars.2014.5862. **IF 2012 7.189.**
- 39) Vidović B, Stefanović A, Milovanović S, Dorđević B, Kotur-Stevuljević J, Ivanišević J, Miljković M, Spasić S. Associations of oxidative stress status parameters with traditional cardiovascular disease risk factors in patients with schizophrenia. *Scand J Clin Lab Invest*. 2014 Jan 21. [Epub ahead of print] PubMed PMID: 24446766. **IF 2012 1.294.**
- 40) Zugno AI, Chipindo HL, Volpato AM, Budni J, Steckert AV, de Oliveira MB, Heylmann AS, Silveira Fda R, Mastella GA, Maravai SG, Wessler PG, Binatti AR, Panizzutti B, Schuck PF, Quevedo J, Gama CS. Omega-3 prevents behavior response and brain oxidative damage in the ketamine model of schizophrenia. *Neuroscience*. 2014 Feb 14;259:223-31. **IF 2012 3.122**
- 41) Anna Dietrich-Muszalska and Anna Kwiatkowska, Generation of superoxide anion radicals and platelet glutathione peroxidase activity in patients with schizophrenia, *Neuropsychiatr Dis Treat*. 2014; 10: 703–709. **IF 2012 2.0**
- 42) Luo G, Liu M, He J, Guo H, Xue M, Wang X, Li XM. Quetiapine attenuates recognition memory impairment and hippocampal oxidative stress in a transgenic mouse model of Alzheimer's disease. *Neuroreport*. 2014 Jun 18;25(9):653-6. **IF 2012 3,29**
- 43) Wu JQ, Chen da C, Tan YL, Tan SP, Wang ZR, Xiu MH, Yang FD, Zhang XY. Cognition impairment in schizophrenia patients with tardive dyskinesia: association with plasma superoxide dismutase activity. *Schizophr Res*. 2014 Jan;152(1):210-6. **IF 2012 4.59**

Ciobica A., Bild W., Hritcu L., Haulica I. Brain renin-angiotensin system in cognitive function: pre-clinical findings and implications for prevention and treatment of dementia, *Acta Neurol Belg.*, 2009, 109(3), 171-180.

was cited in:

- 1) Alistair Burns, Current awareness in geriatric psychiatry. *International Journal of Geriatric Psychiatry*, 2010, Volume 25, Issue 5, pages i–viii, DOI: 10.1002/gps.2393. **IF 2009 1.981.**
- 2) V.M. Delyagin, U. Levano, M.B. Blohin, Some mechanisms of blood pressure regulation, *Consilium Medicum*, 2010, 1, 1-7.

- 3) Wu Huangxin, Zhang, Liguang Chun, Li Hua, Zhang Zhuo, The effects of captopril and losartan on a rat model of vascular dementia, *Chinese Pharmacy*, 2011.
- 4) Hajjar I, Hart M, Chen YL, Mack W, Milberg W, Chui H, Lipsitz L. Effect of Antihypertensive Therapy on Cognitive Function in Early Executive Cognitive Impairment: A Double-blind Randomized Clinical Trial. *Arch Intern Med*. 2012 Mar 12;172(5):442-4. **IF 11,2.**
- 5) Wright JW and Joseph W. Harding, The brain renin–angiotensin system: a diversity of functions and implications for CNS diseases, *Pflügers Archiv European Journal of Physiology* 2013 Jan;465(1):133-51. **IF 2010 3.354.**
- 6) Athilingam Ponrathi, Cindy Munro , Rita D'aoust , Amy Karch , Leway Chen, Cognitive Protection by Angiotensin Converting Enzyme Inhibitors in Heart Failure, *International Journal of Nursing Science*, 2012; 2(3): 14-22.
- 7) Singh B, Sharma B, Jaggi AS, Singh N. Attenuating effect of lisinopril and telmisartan in intracerebroventricular streptozotocin induced experimental dementia of Alzheimer's disease type: possible involvement of PPAR- γ agonistic property. *J Renin Angiotensin Aldosterone Syst*. June 2013 vol. 14 no. 2 124-136. **IF 2011 2,43**
- 8) Froestl, Wolfgang; Muhs, Andreas; Pfeifer, Andrea, Cognitive Enhancers (Nootropics). Part 1: Drugs Interacting with Receptors, *JOURNAL OF ALZHEIMERS DISEASE* Volume: 32 Issue: 4 Pages: 793-887 DOI: 10.3233/JAD-2012-121186 Published: 2012. **IF 2011 3,74.**
- 9) Hosseini SE, The Effect of an Angiotensin II Antagonist on Hormones of Pituitary-Gonad Axis in Adult Male Rats, *Zahedan Journal of Research in Medical Sciences*, 2013, 10-13.
- 10) Holick, M.F., The D-lightful vitamin D for health, *Journal of Medical Biochemistry*, 2013, 32 (1) , pp. 1-10. **IF 2011 0,6.**
- 11) Yagi S, Akaike M, Ise T, Ueda Y, Iwase T, Sata M. Renin-angiotensin-aldosterone system has a pivotal role in cognitive impairment. *Hypertens Res*. 2013 May 23. doi: 10.1038/hr.2013.51. **IF 2011 2.576.**
- 12) Hajjar I, Rodgers K. Do angiotensin receptor blockers prevent Alzheimer's disease? *Curr Opin Cardiol*. 2013 May 22. [Epub ahead of print] PubMed PMID: 23703253. **IF 2011 2.329**
- 13) Anil Kumar K, Nagwar S, Thyloor R, Satyanarayana S. Anti-stress and nootropic activity of drugs affecting the renin-angiotensin system in rats based on indirect biochemical evidence. *J Renin Angiotensin Aldosterone Syst*. 2014 Feb 4. [Epub ahead of print] PubMed PMID: 24496517. **IF 2012 2.28.**
- 14) Thakur KS, Prakash A, Bisht R, Bansal PK. Beneficial effect of candesartan and lisinopril against haloperidol-induced tardive dyskinesia in rat. *J Renin Angiotensin Aldosterone Syst*. 2014 Jan 24. [Epub ahead of print] PubMed PMID: 24464858. **IF 2012 2.28.**
- 15) Sharieh Hosseini G, Khatamsaz S, Shariati M. The effects of losartan on memory performance and leptin resistance induced by obesity and high-fat diet in adult male rats. *Iran J Basic Med Sci*; 2014; 17:41-48. **IF 2012 0.3.**
- 16) Anil Kumar KV, Shashidhar K, Rama Thyloor, Sreemantula Satyanarayana, Antistress and memory enhancing effect of enalapril and losartan in rats based on indirect biochemical evidence, *International Journal of Pharmaceutical and Phytopharmacological Research*. **IF 2012 0,78.**

17) Xie, W., et al., Angiotensin-(1-7) improves cognitive function in rats with chronic cerebral hypoperfusion. *Brain Research* (2014). **IF 2012 2.87**

Prenatal testosterone improves the spatial learning and memory by protein synthesis in different lobes of the brain in the male and female rat

was cited in:

- 1) Július Hodosy, Ján Páleš, Daniela Ostatníková, Peter Celec. The effects of exogenous testosterone on spatial memory in rats, *Central European Journal of Biology*, 2010, 5 (4), 466-471. IF 2009 0.915.
- 2) Shobana C., Radhakrishnan Ramesh Kumar and Thangarajan Sumathi, Alcoholic Extract of *Bacopa monniera* Linn. Protects Against 6-Hydroxydopamine-Induced Changes in Behavioral and Biochemical Aspects: A Pilot Study, *Cellular and Molecular Neurobiology*, 2012 Oct;32(7):1099-112. IF 2010 2.423.
- 3) Hodosy, J., Ostatnikova, D., Riljak, V., Myslivecek, J., Celec, P, The effect of rapid and depot testosterone and estradiol on spatial performance in water maze, 2012, *Central European Journal of Biology* 7 (4) , pp. 596-602. IF 2009 0.915.
- 4) Juan Yang, Li-Li Hu^{1,2,†}, Li-Ying Liu^{1,2}, Lin-Yu Zhao^{1,2} Ni Hou^{1,2}, Lei Ni^{1,2}, Zong-Fang Li^{3,4}, Ai-Ying Wang^{1,2}, Tu-Sheng Song^{1,2}, Chen Huang, Proteomics Reveals Intersexual Differences in the Rat Brain Hippocampus, *The Anatomical Record*, Volume 296, Issue 3, pages 462–469, March 2013.
- 5) Holick, M.F., The D-lightful vitamin D for health, *Journal of Medical Biochemistry*, 2013, 32 (1) , pp. 1-10. IF 2011 0,6.

Comparative effects of captopril, losartan and PD123319 on the memory processes in rats

was cited in:

XIE Xiang-Lin, ZHOU Ming, HONG Tie, MA Chun-Ying, YE Qiu-Fang, ZHAO Li, LIU Hong-Yan. Effect of captopril orally administered for long term on learning and memory function of normal adult mice, *Journal of Jilin University Medicine Edition*, 2010, 36 (3), 487-490.

Padurariu M, Ciubotariu R, Cantemir A, Ciobica A, Stefanescu C. Oxidative stress in depressed and mild cognitive impaired patients: Relevance for Alzheimer's disease. *Alzheimers Dement.* 2010;6:S355.

was cited in:

Chia-Lung Chao, Effect of *Lycium barbarum* polysaccharides on antioxidative status and anti-aging in senescence accelerated mice, *Food and Nutrition*, 2011, etd-0211111-165338, 120.

Hritcu L, Ciobica A, Gorgan L., Nicotine-induced memory impairment by increasing brain oxidative stress, *Cent. Eur. J. Biol.* 2009; 4(3):335-342.

was cited in:

1. Ashor, A.W., Degree of dependence influences the effects of smoking on psychomotor performance and working memory capacity, *Neurosciences*, 2011, 16 (4), pp. 353-357. IF 2010 0.102.
2. Jain, A., Flora, S.J.S. ,Dose related effects of nicotine on oxidative injury in young, adult and old rats, *Journal of Environmental Biology*, 2012, Volume: 33 Issue: 2 Pages: 233-238. IF 2011 0.64
3. Zhang XY, Chen DC, Xiu MH, Haile CN, Sun H, et al. (2012) Cigarette Smoking and Cognitive Function in Chinese Male Schizophrenia: A Case-Control study. *PLoS ONE* 2012, 7(5): e36563. doi:10.1371/journal.pone.0036563. **IF 2010 4.411.**
4. Aguiar RB, Parfitt GM, Jaboinski J, Barros DM. Neuroactive effects of cotinine on the hippocampus: Behavioral and biochemical parameters. *Neuropharmacology*. 2013 Aug;71:292-8.

Ciobica A, Hritcu L, Padurariu M, Dobrin R, Bild V. Effects of serotonin depletion on behavior and neuronal oxidative stress status in rat: relevance for anxiety and affective disorders. *Adv Med Sci*. 2010, 55(2), 289-296.

was cited in:

1. Staud R. Sodium oxybate for the treatment of fibromyalgia. *Expert Opin Pharmacother*. 2011;12(11):1789-98., **IF 2010 2.403.**
2. Furmaga Havan, Aparna Shah, Alan Frazer, Serotonergic and Noradrenergic Pathways Are Required for the Anxiolytic-like and Antidepressant-like Behavioral Effects of Repeated Vagal Nerve Stimulation in Rats, *Biological Psychiatry*, 2011, 70 (10) , pp. 937-945. **IF 2010 8.674.**
3. Tagliari Bárbara, Emilene B. Scherer, Fernanda R. Machado, Andréa G. K. Ferreira, Carla Dalmaz and Angela T. S. Wyse, Antioxidants Prevent Memory Deficits Provoked by Chronic Variable Stress in Rats, *Neurochemical Research*, 2011 Dec;36(12):2373-80., DOI: 10.1007/s11064-011-0563-6. **IF 2010 2.608.**
4. Blazevic, S., Colic, L., Culig, L., Hranilovic, D. Anxiety-like behavior and cognitive flexibility in adult rats perinatally exposed to increased serotonin concentrations 2012 *Behavioural Brain Research* 230 (1) , pp. 175-181. **IF 3.393.**
5. Zhagh G., Zhao M, Xia R., Wang Y, . Zhagh G, Relationship between oxidative stress and depression in patients with rheumatoid arthritis, *Journal of Peking University*, Vol., 44, no. 22, April 2012.
6. Homberg J., Peter Karel, Michel M. M. Verheij, Individual differences in cocaine addiction: maladaptive behavioural traits, 2013, DOI: 10.1111/adb.12036, **IF 2011 4.833.**
7. Holick, M.F., The D-lightful vitamin D for health, *Journal of Medical Biochemistry*, 2013, 32 (1) , pp. 1-10. IF 2011 0,6.
8. Bali A, Jaggi AS. Angiotensin as stress mediator: Role of its receptor and interrelationships among other stress mediators and receptors. *Pharmacol Res*. 2013 Jul 24;76C:49-57. **IF 2012 4.346**
9. Krolow, R.; Arcego, D. M.; Noschang, C.; Weis, S. N.; Dalmaz, C., Oxidative Imbalance and Anxiety Disorders, *Current Neuropharmacology*, Volume 12, Number 2, March 2014, pp. 193-204(12). **IF 2012 2.03.**

Foyet HS, Hritcu Lucian, **Ciobica Alin**, Stefan Marius, Kamtchouing Pierre, Cojocaru Dumitru, **Methanolic extract of Hibiscus asper leaves improves spatial memory deficits in the 6- hydroxydopamine-lesion rodent model of Parkinson's disease**, *Journal of Ethnopharmacology*, 2011 Jan 27;133(2):773-9.
was cited in:

- 1) Song JX, Sze SC, Ng TB, Lee CK, Leung GP, Shaw PC, Tong Y, Zhang YB. Anti-Parkinsonian drug discovery from herbal medicines: What have we got from neurotoxic models? *J Ethnopharmacol*. 2012 Feb 15;139(3):698-711. **IF 2010 2.466.**
- 2) Harquin FS, Abdou Bouba Armand1, Ponka Roger, Asongalem Acha Emmanuel, Kamtchouing Pierre, Effects of Hibiscus asper leaves extracts on carrageenan induced oedema and complete Freund's adjuvant-induced arthritis in rats, *Journal of Cell and Animal Biology* Vol. 5 (5), pp. 69-75, May 2011.
- 3) Chandrasekar Shobana, Radhakrishnan Ramesh Kumar and Thangarajan Sumathi, Alcoholic Extract of Bacopa monniera Linn. Protects Against 6-Hydroxydopamine-Induced Changes in Behavioral and Biochemical Aspects: A Pilot Study, *Cellular and Molecular Neurobiology*, 2012 Oct;32(7):1099-112., DOI: 10.1007/s10571-012-9833-3. **IF 2010 2.423.**
- 4) Kenneth O. Eyong, Harquin S. Foyet, Charles A. Eyong, Lazare S. Sidjui, Marie C. Yimdjo, Sidoine N. Nwembe, Marc Lamshöft, Gabriel N. Folefoc, Michael Spittler, Neurological activities of lapachol and its furano derivatives from Kigelia africana, *Medicinal Chemistry Research*, June 2013, Volume 22, Issue 6, pp 2902-2911 **IF 2011 1,27.**
- 5) Koppula S, Kumar H, More SV, Lim HW, Hong SM, Choi DK. Recent updates in redox regulation and free radical scavenging effects by herbal products in experimental models of Parkinson's disease. *Molecules*. 2012 Sep 26;17(10):11391-420. **IF 2011 2,38**
- 6) Tamokou Jde D, Chouna JR, Fischer-Fodor E, Chereches G, Barbos O, Damian G, Benedec D, Duma M, Efouet AP, Wabo HK, Kuia JR, Mot A, Silaghi-Dumitrescu R. Anticancer and antimicrobial activities of some antioxidant-rich cameroonian medicinal plants. *PLoS One*. 2013;8(2):e55880. **IF 2010 4.411.**
- 7) Ham A, Kim DW, Kim KH, Lee SJ, Oh KB, Shin J, Mar W. Reynosin protects against neuronal toxicity in dopamine-induced SH-SY5Y cells and 6-hydroxydopamine-lesioned rats as models of Parkinson's disease: Reciprocal up-regulation of E6-AP and down-regulation of α -synuclein. *Brain Res*. 2013 Aug 2;1524:54-61. **IF 2012 2.879**
- 8) Ahmad, A., Ramasamy, K., Jaafar, S.M., Majeed, A.B.A., Mani, V. Total isoflavones from soybean and tempeh reversed scopolamine-induced amnesia, improved cholinergic activities and reduced neuroinflammation in brain. *Food and Chemical Toxicology*, volume 65, issue , year 2014, pp. 120 – 128. **IF 2012 3.010.**
- 9) Ishikawa, T Navarro, L. B.Donatini, R. S.Bacchi, E. M.Kato, E. T. M.Vilegas, W.Yoshida, M., Gastroprotective property of Plinia edulis (Vell.) Sobral (Myrtaceae): The role of triterpenoids and flavonoids, 2014 • vol.1 •36-43.

Hritcu L, **Ciobica A**, Stefan M, Mihasan M, Palamiuc L, Nabeshima T. **Spatial memory deficits and oxidative stress damage following exposure to lipopolysaccharide in a rodent model of Parkinson's disease**. *Neurosci Res.* 2011 Sep;71(1):35-43.

was cited in:

- 1) Talarowska, M., Gałecki, P., Maes, M., Orzechowska, A., Chamielec, M., Bartosz, G., Kowalczyk, E. Nitric oxide plasma concentration associated with cognitive impairment in patients with recurrent depressive disorder , 2012 *Neuroscience Letters* 510 (2) , pp. 127-131. IF 2.055.
- 2) Abdel-Salam, O.M.E., El-Shamarka, M.E.-S., Salem, N.A., El-Mosallamy, A.E.M.K., Sleem, A.A., Amelioration of the haloperidol-induced memory impairment and brain oxidative stress by cinnarizine, 2012, *EXCLI Journal* 11 , pp. 517-530. **IF 2011 1,1.**
- 3) Monika Talarowska, Kinga Bobińska, Marlena Zajackowska, Kuan-Pin Su, Michael Maes, Piotr Gałecki, Impact of oxidative/nitrosative stress and inflammation on cognitive functions in patients with recurrent depressive disorders, *Med Sci Monit.* 2014; 20: 110–115. IF 2012 1.358.
- 4) Marius Stefan, Viorel Melnig, Daniela Pricop, Anca Neagua, Marius Mihasana, Liliana Tartauc, Lucian Hritcu, Attenuated effects of chitosan-capped gold nanoparticles on LPS-induced toxicity in laboratory rats, *Materials Science and Engineering: C*, Volume 33, Issue 1, 1 January 2013, Pages 550–556. IF 2012 2.404.
- 5) Shu-yang Yu, Li-jun Zuo, Fang Wang, Ze-jie Chen, Yang Hu Ya-jie Wang, Xiao-min Wang,8,3,4 and Wei Zhang, Potential biomarkers relating pathological proteins, neuroinflammatory factors and free radicals in PD patients with cognitive impairment: a cross-sectional study, *BMC Neurol.* 2014; 14: 113. IF 2012 2,56.
- 6) Masoume Pourganji 1; Mahmoud Hosseini 1,*; Mohammad Soukhtanloo 2; Hoda Zabihi 3; Mosa Al-reza Hadjzadeh, Protective Role of Endogenous Ovarian Hormones Against Learning and Memory Impairments and Brain Tissues Oxidative Damage Induced by Lipopolysaccharide, *Iran Red Crescent Med J.* 2014 March; 16(3): e13954. IF 2012 0.333.

Ciobica A, Hritcu L, Artenie V, Stoica B, Bild V, **Effects of 6-OHDA infusion into the hypothalamic paraventricular nucleus in mediating stress-induced behavioural responses and oxidative damage in rats**, *Acta Endocrinologica*, 2009, 5: 425-436.

was cited in:

- 1) Shobana C., Radhakrishnan Ramesh Kumar and Thangarajan Sumathi, Alcoholic Extract of *Bacopa monniera* Linn. Protects Against 6-Hydroxydopamine-Induced Changes in Behavioral and Biochemical Aspects: A Pilot Study, *Cellular and Molecular Neurobiology*, 2012, DOI: 10.1007/s10571-012-9833-3. **IF 2010 2.423.**
- 2) Holick, M.F., The D-lightful vitamin D for health, *Journal of Medical Biochemistry*, 2013, 32 (1) , pp. 1-10. IF 2011 0,6.
- 3) O.D. Persa1, A.E. Joanta1, I. Miclutia, , N. Decea, , R. Balaj, , S. Clichici, L. Szentagotai, Correlations between thyroid stimulating hormone (TSH) and oxidative stress in mixed dementia, *Acta Endocrinologica (Buc)*, vol. IX, no. 2, p. 161-170, 2013. IF 2012 0.450.

Alin Ciobica, Veronica Bild, Lucian Hritcu, Manuela Padurariu, Walther Bild, **Effects of angiotensin II receptor antagonists on anxiety and some oxidative stress markers in rat**, *Central European Journal of Medicine*, 2011, 6(3), 331-340.
was cited in:

- 1) Cherneva, E.; Pavlovic, V.; Smelcerovic, A.; Yancheva, D. The Effect of Camphor and Borneol on Rat Thymocyte Viability and Oxidative Stress. *Molecules* 2012, 17, 10258-10266. **IF 2011 2.386**
- 2) Holick, M.F., The D-lightful vitamin D for health, *Journal of Medical Biochemistry*, 2013, 32 (1) , pp. 1-10. IF 2011 0,6.
- 3) Genaro K, Juliano MA, Prado WA, Brandão ML, Martins AR. Effects of angiotensin (5-8) microinfusions into the ventrolateral periaqueductal gray on defensive behaviors in rats. *Behav Brain Res*. 2013 Nov 1;256:537-44. IF 2012 3.327.

Ciobica A, Padurariu M, Dobrin I, Stefanescu C, Dobrin R. **Oxidative stress in schizophrenia - focusing on the main markers**. *Psychiatr Danub*. 2011 Sep;23(3):237-45.
was cited in:

- 1) Andreazza AC, Combining redox-proteomics and epigenomics to explain the involvement of oxidative stress in psychiatric disorders, *Mol. Biosyst.*, 2012,8, 2503-2512. **IF 2011 3.859.**
- 2) Filiou MD, Teplytska L, Otte DM, Zimmer A, Turck CW. Myelination and oxidative stress alterations in the cerebellum of the G72/G30 transgenic schizophrenia mouse model. *J Psychiatr Res*. 2012 Oct;46(10):1359-65. **IF 2011 4.664.**
- 3) Yegin Aysenur, Nurullah Ay1, Ozgur Aydin1, Nedim Yargici2, Esin Eren3, Necat Yilmaz, Increased Oxidant Stress and Inflammation in Patients with Chronic Schizophrenia, *International Journal of Clinical Medicine*, 2012, 3, 368-376.
- 4) Groleau SE, Lubarda J, Thomas N, Ferro MA, Pristupa ZB, Mishra RK, Gabriele JP. Human blood analysis reveals differences in gene expression of catecholamine-regulated protein 40 (CRP40) in schizophrenia. *Schizophr Res*. 2013 Jan;143(1):203-6. **IF 2011 4.748.**
- 5) Ramos-Loyo J, Medina-Hernández V, Estarrón-Espinosa M, Canales-Aguirre A, Gómez-Pinedo U, Cerdán-Sánchez LF. Sex differences in lipid peroxidation and fatty acid levels in recent onset schizophrenia. *Prog Neuropsychopharmacol Biol Psychiatry*. 2013 Feb 16;44C:154-161. doi: 10.1016/j.pnpbp.2013.02.007. **IF 2011 3,2.**
- 6) Tsai MC, Liou CW, Lin TK, Lin IM, Huang TL. Changes in oxidative stress markers in patients with schizophrenia: The effect of antipsychotic drugs. *Psychiatry Res*. 2013 Mar 13. doi:pii: S0165-1781(13)00044-9. **IF 2011 2.524.**
- 7) Xie Z, Baba SP, Sweeney BR, Barski OA. Detoxification of aldehydes by histidine-containing dipeptides: From chemistry to clinical implications. *Chem Biol Interact*. 2013 Feb 25;202(1-3):288-97. **IF 2011 2.865**

- 8) Mostafalou S, Abdollahi M. Pesticides and human chronic diseases: Evidences, mechanisms, and perspectives. *Toxicol Appl Pharmacol*. 2013 Apr 15;268(2):157-77. **IF 2011 4.447.**
- 9) Wu JQ, Kosten TR, Zhang XY. Free radicals, antioxidant defense systems, and schizophrenia. *Prog Neuropsychopharmacol Biol Psychiatry*. 2013 Mar 5. doi:pii: S0278-5846(13)00049-3. 10.1016/j.pnpbp.2013.02.015. **IF 2011 3.247.**
- 10) Hou Y, Zhang H, Xie G, Cao X, Zhao Y, Liu Y, Mao Z, Yang J, Wu C. Neuronal injury, but not microglia activation, is associated with ketamine-induced experimental schizophrenic model in mice. *Prog Neuropsychopharmacol Biol Psychiatry*. 2013 Aug;45:107-16. **IF 2012 3.55.**
- 11) Ulf Lindh, *Biological Functions of the Elements, Essentials of Medical Geology* 2013, pp 129-177. Editors: Olle Selinus ISBN: 978-94-007-4374-8. Springer.
- 12) Han D, Xu L, Xiao H, Prado Schmidt GC, Shi S. Dizocilpine reduces head diameter of dendritic spines in the hippocampus of adolescent rats. *Psychiatry Res*. 2013 Jun 6. doi:pii: S0165-1781(13)00235-7. **IF 2012 2.456.**
- 13) Xingrong Ma, Zhikun Sun², Yanru Liu¹, Yanjie Jia¹, Boai Zhang¹, Jiewen Zhang, Resveratrol improves cognition and reduces oxidative stress in rats with vascular dementia, *Neural Regeneration Research*, 2013, Volume : 8, Issue : 22, 2050-2059. **IF 2012 0.144.**
- 14) Kofoed Lauridsen, Blood Plasma Levels of Oxidized and Reduced Thioredoxin-1 in the Search of a Biomarker for Schizophrenia, Karolinska Institute, 2013.
- 15) Tsai MC, Liou CW, Lin TK, Lin IM, Huang TL. Changes in oxidative stress markers in patients with schizophrenia: The effect of antipsychotic drugs. *Psychiatry Res*. 2013 Oct 30;209(3):284-90. **IF 2012 2.456.**
- 16) Farokhnia M, Azarkolah A, Adinehfar F, Khodaie-Ardakani MR, Hosseini SM, Yekehtaz H, Tabrizi M, Rezaei F, Salehi B, Sadeghi SM, Moghadam M, Gharibi F, Mirshafiee O, Akhondzadeh S. N-acetylcysteine as an adjunct to risperidone for treatment of negative symptoms in patients with chronic schizophrenia: a randomized, double-blind, placebo-controlled study. *Clin Neuropharmacol*. 2013 Nov-Dec;36(6):185-92. **IF 2012 1.815.**
- 17) Diebold Becky A, Susan Margaret Ellen Smith, Yang Li, J.D. Lambeth. *Antioxidants & Redox Signaling*. 2014. doi:10.1089/ars.2014.5862. **IF 2102 7.189.**
- 18) Thome J. · Bratek A. · Krysta K., *Peripheral Biomarker Candidates in Schizophrenia, Proteomics and Metabolomics in Psychiatry*. *Adv Biol Psychiatry*. Basel, Karger, 2014, vol 29, pp 16-26. Editor(s): Martins-de-Souza D. (Campinas/Munich).
- 19) Lane, Kerry, *MYCOTOXIN DIAGNOSTICS AND METHODS THEREOF*, United States Patent Application 20140112940, Application Number: 14/127493 Publication Date 04/24/2014.
- 20) Anna Dietrich-Muszalska and Anna Kwiatkowska, Generation of superoxide anion radicals and platelet glutathione peroxidase activity in patients with schizophrenia, *Neuropsychiatr Dis Treat*. 2014; 10: 703–709. **IF 2012 2.0**

Hritcu L, Ciobica A, Artenie V. **Effects of right-unilateral 6-hydroxydopamine infusion-induced memory impairment and oxidative stress: relevance for Parkinson's disease.** *Cent. Eur. J. Biol.*, 2008, 3(3): 250-257.

was cited in:

- 1.MDA Teixeira, Efeito neuroprotetor da catequina e do estresse de imobilização subcronico na doença de Parkinson experimental, 2011, repositorio.ufc.br.
2. Zamani M, Rasooli H, Mehdizadeh M, Nobakht M , Zamani F , Soleimani M, ine A1 receptor and ascorbic acid on hippocampal neuronal density and memory disorder in ischemia reperfusion induced rats, *J Gorgan Uni Med Sci* 2012, 14(4): 52-59.

Walther Bild, Alin Ciobica, Manuela Padurariu, Veronica Bild, **The interdependence of the reactive species of oxygen, nitrogen and carbon**, *Journal of Physiology and Biochemistry*, accepted for publication, DOI: 10.1007/s13105-012-0162-2.

was cited in

- 1) Juliann G. Kiang, Risaku Fukumoto and Nikolai V. Gorbunov, *Lipid Peroxidation*, book edited by Angel Catala, ISBN 978-953-51-0716-3, Published: August 29, 2012, DOI: 10.5772/48189.
- 2) Holick, M.F., The D-lightful vitamin D for health, *Journal of Medical Biochemistry*, 2013, 32 (1) , pp. 1-10. IF 2011 0,6.
- 3) Martínez-Alfaro M, Ramírez-García G, Gutiérrez-Granados S, Alcaraz-Contreras Y, Gallegos-Corona MA, de Larrea GZ, Cárabez-Trejo A. Melatonin attenuates the effects of sub-acute administration of lead on kidneys in rats without altering the lead-induced reduction in nitric oxide. *J Trace Elem Med Biol.* 2013 Oct;27(4):364-9. IF 2012 1.959.

A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, The effects of some cholinergic drugs on cognitive processes and oxidative stress in rats, *Rev. Med. Chir. Soc. Med.*, 2009, 113 (3), 832-837.

was cited in:

- 1) Bansal N, Parle M. Soybean Supplementation Helps Reverse Age- and Scopolamine-Induced Memory Deficits in Mice. *J Med Food.* 2010 Dec;13(6):1293-300. IF 2009 1.39.
- 2) Jensen K, Nizamutdinov D, Guerrier M, Afroze S, Dostal D, Glaser S. General mechanisms of nicotine-induced fibrogenesis. *FASEB J.* 2012 Dec;26(12):4778-87. **IF 2011 5.712.**
- 3) Seema Jain¹; Tultul Sangma¹; Santosh Kumar Shukla²; Pramod Kumari Mediratta, Effect of *Cinnamomum zeylanicum* extract on scopolamine-induced cognitive impairment and oxidative stress in rats, *Nutritional Neuroscience*, 2014. **IF 2012 1,64**

Ciobica A, Padurariu M, Bild W, Stefanescu C. **Cardiovascular risk factors as potential markers for mild cognitive impairment and Alzheimer's disease.** *Psychiatr Danub*, 2011, 23(4), 333-340

was cited in:

- 1) Lin Lian-Feng, Min-Jing Liao, Xiao-Yan Xue, Wei Zhang, Li Yan, Liang Cai, Xiao-Wen Zhou, Xing Zhou, Huan-Min Luo, Combination of A β clearance and neurotrophic factors as a potential treatment for Alzheimer's disease, *Neuroscience Bulletin*, 2013 Feb;29(1):111-20. doi: 10.1007/s12264-012-1287-6., IF 2011 1,3.
- 2) Lena Scheubert, Selecting Biomarkers for Pluripotency and Alzheimer's Disease, *The Real Strength of the GA/SVM*, 2012.
- 3) Duchemin S, Belanger E, Wu R, Ferland G, Girouard H. Chronic perfusion of angiotensin II causes cognitive dysfunctions and anxiety in mice. *Physiol Behav*. 2013 Jan 17;109:63-8. doi: 10.1016/j.physbeh.2012.10.005. **IF 2011 2.869.**
- 4) Florin MITU, Elena STEFANACHI, Maria Magdalena LEON, Alcohol and cardiovascular disease -a social impact analysis, *Review of Research and Social Intervention*, 2013, vol. 40, pp. 180-187. **IF 2011 1.186.**
- 5) Allam F, Dao AT, Chugh G, Bohat R, Jafri F, Patki G, Mowrey C, Asghar M, Alkadhi KA, Salim S. Grape Powder Supplementation Prevents Oxidative Stress-Induced Anxiety-Like Behavior, Memory Impairment, and High Blood Pressure in Rats. *J Nutr*. 2013 Apr 17. [Epub ahead of print] PubMed PMID: 23596160. **IF 2011 3.9**
- 6) Holick, M.F., The D-lightful vitamin D for health, *Journal of Medical Biochemistry*, 2013, 32 (1) , pp. 1-10. IF 2011 0,6.
- 7) Cumurcu T, Dorak F, Cumurcu BE, Erbay LG, Ozsoy E. Is There Any Relation Between Pseudoexfoliation Syndrome and Alzheimer's Type Dementia? *Semin Ophthalmol*. 2013 May 10. [Epub ahead of print] PubMed PMID: 23662834. IF 2011 0.901.
- 8) K Chakravarthi, Ramakrishna Avadhani. NOOTROPIC ACTION OF GLYCYRRHIZA GLABRA ROOT EXTRACT ON THE DENDRITIC MORPHOLOGY OF HIPPOCAMPAL CA1 NEURONS IN ONE MONTH, *International Journal of Bioassays*, 2013, 02 (05), 783-788.
- 9) Blom K, Emmelot-Vonk MH, Koek HD. The influence of vascular risk factors on cognitive decline in patients with dementia: A systematic review. *Maturitas*. 2013 Jul 10. doi:pii: S0378-5122(13)00195-3. **IF 2012 2.844**
- 10) Patki G, Allam FH, Atrooz F, Dao AT, Solanki N, Chugh G, Asghar M, Jafri F, Bohat R, Alkadhi KA, Salim S. Grape powder intake prevents ovariectomy-induced anxiety-like behavior, memory impairment and high blood pressure in female wistar rats. *PLoS One*. 2013 Sep 9;8(9):e74522. IF 2012 3.730.
- 11) Erika Calvo-Ochoa, Clorinda Arias, Cellular and metabolic alterations in the hippocampus caused by insulin signaling dysfunction and its association with cognitive impairment during aging and Alzheimer's disease. *Animal models of study, Diabetes/Metabolism Research and Reviews*, DOI: 10.1002/dmrr.2531. **IF 2012 2.968.**
- 12) Saint Martin M, Sforza E, Thomas-Anterion C, Barthélémy JC, Roche F; PROOF Study Group. Baroreflex sensitivity, vascular risk factors, and cognitive function in a healthy elderly population: the PROOF cohort. *J Am Geriatr Soc*. 2013 Dec;61(12):2096-102. IF 2012 3.97.

13) Chakravarthi KK, Avadhani R. Enhancement of Hippocampal CA3 Neuronal Dendritic Arborization by Glycyrrhiza glabra root extract Treatment in Wistar Albino Rats. J Nat Sc Biol Med 2014;5:25-9.

Bild W., Ciobica A, **Angiotensin-(1-7) central administration induces anxiolytic-like effects in elevated plus maze and decreased oxidative stress in the amygdala**, Journal of Affective Disorders, 2012, doi 10.1016/j.jad.2012.07.024.
was cited in:

- 1) Arnold, A.C., Sakima, A., Kasper, S.O., Vinsant, S., Garcia-Espinosa, M.A., Diz, D.I., The brain renin-Angiotensin system and cardiovascular responses to stress: Insights from transgenic rats with low brain angiotensinogen, 2012, Journal of Applied Physiology 113 (12) , pp. 1929-1936. **IF 2011 3,75.**
- 2) Martins Lima A, Xavier CH, Ferreira AJ, Raizada MK, Wallukat G, Santos RA, Fontes MA. Activation of angiotensin-converting enzyme 2/Angiotensin-(1-7)/Mas axis attenuates the cardiac reactivity to acute emotional stress. Am J Physiol Heart Circ Physiol. 2013 Jul 19.
- 3) Bali A, Jaggi AS. Angiotensin as stress mediator: Role of its receptor and interrelationships among other stress mediators and receptors. Pharmacol Res. 2013 Jul 24;76C:49-57. **IF 2012 4.346**
- 4) Genaro K, Juliano MA, Prado WA, Brandão ML, Martins AR. Effects of angiotensin (5-8) microinfusions into the ventrolateral periaqueductal gray on defensive behaviors in rats. Behav Brain Res. 2013 Nov 1;256:537-44. IF 2012 3.327.
- 5) Zhu D, Tong Q, Liu W, Tian M, Xie W, Ji L, Shi J. Angiotensin (1-7) protects against stress-induced gastric lesions in rats. Biochem Pharmacol. Volume 87, Issue 3, 1 February 2014, Pages 467–476. IF 2012 4.576.
- 6) Kangussu LM, Almeida-Santos AF, Bader M, Alenina N, Fontes MA, Santos RA, Aguiar DC, Campagnole-Santos MJ. Angiotensin-(1-7) attenuates the anxiety and depression-like behaviors in transgenic rats with low brain angiotensinogen. Behav Brain Res. 2013 Nov 15;257:25-30. IF 2012 3.327.
- 7) George Bartzokis, Degenerative Brain Diseases and White Matter Injury, White Matter Injury in Stroke and CNS Disease Springer Series in Translational Stroke Research Volume 4, 2014, pp 281-319.
- 8) Shahzad N, Ahmad J, Khan W, Al-Ghamdi SS, Ain MR, Ibrahim IA, Akhtar M, Khanam R. Interactions of atenolol with alprazolam/escitalopram on anxiety, depression and oxidative stress. Pharmacol Biochem Behav. 2014 Feb;117:79-84. IF 2012 2.608.
- 9) Sabharwal Rasna, The Link Between Stress Disorders and Autonomic Dysfunction in Muscular Dystrophy, Frontiers in Physiology, 2014, ISSN: 1664-042X.

Ciobica A, Olteanu Z, Padurariu M, Hritcu L. **The effects of low-dose pergolide on memory and oxidative stress in a 6-OHDA induced rat model of Parkinson's disease**, Journal of Physiology and Biochemistry, 2012, Volume 68, Number 1, 59-69
was cited in:

- 1) Abdel-Salam, O.M.E., El-Shamarka, M.E.-S., Salem, N.A., El-Mosallamy, A.E.M.K., Sleem, A.A., Amelioration of the haloperidol-induced memory impairment and brain oxidative stress by cinnarizine, 2012, EXCLI Journal 11 , pp. 517-530. **IF 2011 1,1.**
- 2) Holick, M.F., The D-lightful vitamin D for health, Journal of Medical Biochemistry, 2013, 32 (1) , pp. 1-10. IF 2011 0,6.
- 3) Thomas Müller, Detoxification and antioxidative therapy for levodopa-induced neurodegeneration in Parkinson's disease, Expert Review of Neurotherapeutics, June 2013, Vol. 13, No. 6, Pages 707-718. **IF 2012 2.955.**
- 4) Le W, Sayana P, Jankovic J. Animal Models of Parkinson's Disease: A Gateway to Therapeutics? Neurotherapeutics. 2013 Oct 25. **IF 2012 5,904.**

Stefanescu C, Ciobica A, **The relevance of oxidative stress status in first episode and recurrent depression**, Journal of Affective Disorders, 2012 Dec 20;143(1-3):34-8.
was cited in:

- 1) Pham NM, Nanri A, Kurotani K, Kuwahara K, Kume A, Sato M, Hayabuchi H, Mizoue T. Green tea and coffee consumption is inversely associated with depressive symptoms in a Japanese working population. Public Health Nutr., Cambridge University Press 2013 Mar 4:1-9.
- 2) Lačković, M., Rovčanin, B., Pantović, M., Ivković, M., Petronijević, N., Damjanović, A., Association of oxidative stress with the pathophysiology of depression and bipolar disorder, 2013, Archives of Biological Sciences 65 (1) , pp. 369-373. IF 2011 0,32.
- 3) Mazereeuw G, Herrmann N, Bennett SA, Swardfager W, Xu H, Valenzuela N, Fai S, Lanctôt KL. Platelet activating factors in depression and coronary artery disease: A potential biomarker related to inflammatory mechanisms and neurodegeneration. Neurosci Biobehav Rev. 2013 Jun 22;37(8):1611-1621. **IF 2012 9.440.**
- 4) Rybka J, Kędziora-Kornatowska K, Banaś-Leżańska P, Majsterek I, Carvalho LA, Cattaneo A, Anacker C, Kędziora J. Interplay between the pro-oxidant and antioxidant systems and proinflammatory cytokine levels, in relation to iron metabolism and the erythron in depression. Free Radic Biol Med. 2013 Oct;63:187-94. **IF 2012 5.271.**
- 5) Anderson G, Berk M, Dean O, Moylan S, Maes M. Role of Immune-Inflammatory and Oxidative and Nitrosative Stress Pathways in the Etiology of Depression: Therapeutic Implications. CNS Drugs. 2013 Oct 23. **IF 2012 4.826.**
- 6) Lin LC, Sibille E. Reduced brain somatostatin in mood disorders: a common pathophysiological substrate and drug target? Front Pharmacol. 2013 Sep 9;4:110.
- 7) Lopresti AL, Maker GL, Hood SD, Drummond PD. A review of peripheral biomarkers in major depression: The potential of inflammatory and oxidative stress biomarkers. Prog Neuropsychopharmacol Biol Psychiatry. 2013 Oct 5;48C:102-111. IF 2012 3.552.
- 8) Chang-qiang ZHU, Zhi-guo LI, Yong LIU, Xing-hua DING, Shu-guang YANG, Shao-jun LIU, Ethology assessment and detection of serum GPX-3 levels in rat model of depression induced by chronic unpredictable mild stress, Medical Journal of Chinese People's, Vol 38, No 9 (2013), 710-713.
- 9) Siwek Marcin, Magdalena Sowa-Kućma, Dominika Dudek, Krzysztof Styczeń, Bernadeta Szewczyk, Katarzyna Kotarska, Paulina Misztak, Agnieszka Pilc, Małgorzata

- Wolak, Gabriel Nowak, Review - Oxidative stress markers in affective disorders, *PHARMACOLOGICAL REPORTS*, 2013, 65, 1558-1571. IF 2012 1,96.
- 10) Flores-Gutiérrez, Juan José Cervantes, Marina Torres Álvarez, Sarael Alcauter Solórzano, Processing music in the first episode of major depressive disorder without treatment, *Salud Mental* 2013;36:407-415. IF 2012 0.36.
- 11) Schuch Felipe Barreto, Mirela Paiva Vasconcelos-Moreno, Carolina Borowsky, Ana Beatriz Zimmermann, Bianca Wollenhaupt-Aguiar, Pamela Ferrari, Marcelo Pio de Almeida Fleck, The effects of exercise on oxidative stress (TBARS) and BDNF in severely depressed inpatients, *European Archives of Psychiatry and Clinical Neuroscience* February 2014, DOI 10.1007/s00406-014-0489-5. IF 2012 3.200.
- 12) Liu Dan, Hong-Mei Qiu¹ Hui-Zhi Fei¹ Xiao-Ya Hu¹ Hai-Jian Xia² Li-Jia Wang¹ Li-Juan Qin¹ Xin-Hui Jiang¹ Qi-Xin Zhou¹, Histone acetylation and expression of mono-aminergic transmitters synthetases involved in CUS-induced depressive rats, *Exp Biol Med (Maywood)* February 4, 2014 1535370213513987. IF 2012 2.803.
- 13) Santiago Ronise M., Janaína Barbiero, Bruno J. Martynhak, Suelen L. Boschen, Luisa M. da Silva, Maria F. P. Werner, Claudio Da Cunha, Roberto Andreatini, Marcelo M. S. Lima, Maria A. B. F. Vital, Antidepressant-like effect of celecoxib piroxicam in rat models of depression, *Journal of Neural Transmission*, January 2014, DOI 10.1007/s00702-014-1159-5. IF 2012 3.052.
- 14) Anderson George, Michael Berk, Olivia Dean, Steven Moylan & Michael Maes, Role of Immune-Inflammatory and Oxidative and Nitrosative Stress Pathways in the Etiology of Depression: Therapeutic Implications, *CNS Drugs*, ISSN 1172-7047, DOI 10.1007/s40263-013-0119-1. IF 2012 4.82.
- 15) Najjar Souhel, Daniel M Pearlman, Orrin Devinsky, Amanda Najjar, David Zagzag, Neurovascular unit dysfunction with blood-brain barrier hyperpermeability contributes to major depressive disorder: a review of clinical and experimental evidence, *Journal of Neuroinflammation*, 2013, 10,:142. IF 2012 4.351.
- 16) Karababa F, Yesilova Y, Turan E, Selek S, Altun H, Selek S. Impact of depressive symptoms on oxidative stress in patients with psoriasis. *Redox Rep.* 2013;18(2):51-5. IF 2012 1.662.
- 17) Min Cui, Qiang Li¹, Min Zhang Ya-Juan Zhao, Fei Huang, Yong-Jin Chen, *Archives of Oral Biology*, Volume 59, Issue 3, March 2014, Pages 258–267. IF 2012 1.549.
- 18) Gerwyn Morris, George Anderson, Olivia Dean, Michael Berk, Piotr Galecki, Marta Martin-Subero, Michael Maes, The Glutathione System: A New Drug Target in Neuroimmune Disorders, *Molecular Neurobiology*, April 2014. **IF 2012 5,47.**
- 19) Yash B. Joshi and Domenico Praticò, Lipid Peroxidation in Psychiatric Illness: Overview of Clinical Evidence, *Oxidative Medicine and Cellular Longevity* Volume 2014 (2014), Article ID 828702. **IF 2012 3,39.**
- 20) Neamati A, Chaman F, Hosseini M, Boskabady MH. The effects of Valeriana officinalis L. hydro-alcoholic extract on depression like behavior in ovalbumin sensitized rats. *J Pharm Bioall Sci* 2014;6:97-103.
- 21) Assies J, Mocking RJT, Lok A, Ruhé HG, Pouwer F, Schene AH. Effects of oxidative stress on fatty acid and one-carbon metabolism in psychiatric and cardiovascular disease comorbidity., *Acta Psychiatrica Scandinavica*, **IF 2012 4,85.**

Manuela Padurariu, Alin Ciobica, Carina Persson, Cristinel Stefanescu, **Self-stigma in psychiatry: ethical and bio-psycho-social perspectives**, *Romanian Journal of Bioethics*, Vol. 9, No. 1, January–March 2011, 76-82.
was cited in:

- 1) Gabriel Roman, Rodica Gramma, Angela Enache, Andrada Pârvu, Ștefana Maria Moisa, Silvia Dumitraș, Beatrice Ioan, The health mediators-qualified interpreters contributing to health care quality among Romanian Roma patients, *Medicine, Health Care and Philosophy*, February 2013. **IF 2011 0.906**
- 2) Gabriel Roman, Rodica Gramma, Angela Enache, Andrada Pârvu, Beatrice Ioan, Ștefana Maria Moisa, Silvia Dumitraș, Radu Chirita, Dying and Death in Some Roma Communities: Ethical Challenges, *Journal of Immigrant and Minority Health*, October 2012. **IF 2011 1.164.**
- 3) Andrada Viorica Pârvu; Gabriel Roman; Angela Mariana Enache; Rodica GRAMMA, Determinants of the quality of life of Roma people from the perspective of the health social workers, *Quality of Life issue*: 3 / 2012, pages: 209-238.
- 4) Marie Ociskova, Jan Prasko, Zuzana Sedlackova, Stigma and self-stigma in patients with anxiety disorders, *Activitas Nervosa Superior Rediviva* Volume 55 No. 1–2 2013, 12-18.
- 5) Mihai Popescu, Valentin Titus Grigorean, Ruxandra Diana Sinescu, Alexandru-Rares Stoian, Crina Julieta Sinescu, DUTY ETHICS AND PROFESSIONAL OBLIGATIONS IMPLEMENTATION METHODS INSIDE HEALTH UNITS, *Revista Română de Bioetică*, Vol. 11, Nr.4, octombrie - decembrie 2013, 138-148. **IF 2011 1.000.**

Alin Ciobica, Manuela Padurariu, Lucian Hritcu, **The effects of short-term nicotine administration on behavioral and oxidative stress deficiencies induced by a rat model of Parkinson's disease**, *Psychiatr Danub*, 2012, 24(2) 194-205.
was cited in:

- 1) Yu Chen, Huang Nie, Li Tian, Li Tong, Lujia Yang, Ning Lao, Hailong Dong, Hanfei Sang, Lize Xiong, Nicotine-Induced Neuroprotection Against Ischemic Injury Involves Activation of Endocannabinoid System in Rats, *Neurochemical Research* February 2013, Volume 38, Issue 2, pp 364-370. **IF 2011 2.24**
- 2) Hugo Sánchez-Castillo, *, Gabriela L. Franco Olivares*, Ana K. Ramírez Reyes*, Diana B. Paz Trejo* & Florencio Miranda Herrera, Evaluación de la Nicotina como Estímulo Aversivo, *ACTA DE INVESTIGACIÓN PSICOLÓGICA*, 2013, 3 (1), 930 – 940.
- 3) Fu RH, Wang YC, Chen CS, Tsai RT, Liu SP, Chang WL, Lin HL, Lu CH, Wei JR, Wang ZW, Shyu WC, Lin SZ. Acetylcorynoline attenuates dopaminergic neuron degeneration and α -synuclein aggregation in animal models of Parkinson's disease. *Neuropharmacology*. 2013 Aug 21. doi:pii: S0028-3908(13)00364-X. **IF 2012 4.114**
- 4) Le W, Sayana P, Jankovic J. Animal Models of Parkinson's Disease: A Gateway to Therapeutics? *Neurotherapeutics*. 2013 Oct 25. **IF 2012 5.904.**

Lucian Hritcu, **Alin Ciobica**, Sorin Stratulat. **Nicotine, memory and oxidative stress.** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM IX, Fasc.2, 2008, 1-5.

was cited in:

V. Pachauri, S.J.S. Flora, Effect of nicotine pretreatment on arsenic-induced oxidative stress in male Wistar rats, *Hum Exp Toxicol*, March 8, 2013 0960327112474833. **IF 2011 1.772.**

Bild W, Hritcu L., Stefanescu C., Ciobica A, **Inhibition of central angiotensin II enhances memory function and reduces oxidative stress status in rat hippocampus,** *Progress in Neuropsychopharmacology & Biological Psychiatry*, Volume 43, 3 June 2013, Pages 79–88.

was cited:

1) Sokołowska M., E Lorenc-Koci, A Bilska, M Iciek The Effect of Lipoic Acid on Cyanate Toxicity in Different Structures of the Rat Brain, *Neurotoxicity Research*, 2013, DOI 10.1007/s12640-013-9395-2. **IF 2011 3,514.**

2) Hou Y, Zhang H, Xie G, Cao X, Zhao Y, Liu Y, Mao Z, Yang J, Wu C. Neuronal injury, but not microglia activation, is associated with ketamine-induced experimental schizophrenic model in mice. *Prog Neuropsychopharmacol Biol Psychiatry*. 2013 Aug;45:107-16. **IF 2012 3.55.**

3) Ali Moradganjeha, Seyed Ali Ziaib, Mehrdad Roghani, Losartan pretreatment reduces neurodegeneration and behavioural symptoms in 6-hydroxydopamine induced unilateral rat model of Parkinson's disease, *Pathophysiology*, Available online 25 October 2013.

4) Bartzokis George, *Degenerative Brain Diseases and White Matter Injury, White Matter Injury in Stroke and CNS Disease*, Springer Series in Translational Stroke Research Volume 4, 2014, pp 281-319.

5) Thakur KS, Prakash A, Bisht R, Bansal PK. Beneficial effect of candesartan and lisinopril against haloperidol-induced tardive dyskinesia in rat. *J Renin Angiotensin Aldosterone Syst*. 2014 Jan 24. [Epub ahead of print] PubMed PMID: 24464858. **IF 2012 2.28.**

Padurariu M, Ciobica A, Mavroudis I, Fotiou D, Baloyannis S, **Hippocampal neuronal loss in the CA 1 and CA3 areas of Alzheimer's disease patients,** *Psychiatr Danub*, 2012, 24(2), 152-8. **IF 0,56.**

was cited:

1) Stolmeier D, Thangavel R, Anantharam P, Khan MM, Kempuraj D, Zaheer A. Glia Maturation Factor Expression in Hippocampus of Human Alzheimer's Disease. *Neurochem Res*. 2013 May 3. [Epub ahead of print] PubMed PMID: 23640177. **IF 2011 2.240.**

- 2) Wang B, Tanaka K, Ji B, Ono M, Fang Y, Ninomiya Y, Maruyama K, Izumi-Nakajima N, Begum N, Higuchi M, Fujimori A, Uehara Y, Nakajima T, Suhara T, Ono T, Neno M. Total body 100-mGy X-irradiation does not induce Alzheimer's disease-like pathogenesis or memory impairment in mice. *J Radiat Res.* 2013 Aug 1. **IF 2012 1.447**
- 3) Orta-Salazar E, Feria-Velasco A, Medina-Aguirre GI, Díaz-Cintra S. Morphological analysis of the hippocampal region associated with an innate behaviour task in the transgenic mouse model (3xTg-AD) for Alzheimer disease. *Neurologia.* 2013 Aug 22. doi:pii: S0213-4853(13)00020-0. **IF 2012 1.322**
- 4) Wang Bing, Kaoru Tanaka¹, Bin Ji², Maiko Ono², Yaqun Fang³, Yasuharu Ninomiya¹, Kouichi Maruyama¹, Nakako Izumi-Nakajima³, Nasrin Begum⁴, Makoto Higuchi², Akira Fujimori³, Yoshihiko Uehara⁵, Tetsuo Nakajima¹, Tetsuya Suhara², Mitsuru Neno¹, Low-dose total-body carbon-ion irradiations induce early transcriptional alteration without late Alzheimer's disease-like pathogenesis and memory impairment in mice, *Journal of Neuroscience Research*, 2014, DOI: 10.1002/jnr.23363. **IF 2012 2.974.**
- 5) Yeung ST, Myczek K, Kang AP, Chabrier MA, Baglietto-Vargas D, Laferla FM. Impact of hippocampal neuronal ablation on neurogenesis and cognition in the aged brain. *Neuroscience.* 2014 Feb 14;259:214-22. **IF 2012 3.122.**
- 6) Lorène Penazzi, Frederik Sündermann, Lidia Bakota, Roland Brandt, Machine Learning to Evaluate Neuron Density in Brain Sections, *Laser Scanning Microscopy and Quantitative Image Analysis of Neuronal Tissue*, *Neuromethods*, Volume 87, 2014, pp 263-291.

Hogas M, Ciobica A, Hogas S, Bild V, Hritcu L (2011) **The effects of the administration of two different doses of manganese on short-term spatial memory and anxiety-like behavior in rats.** *Arch Biol Sci* 63(4):1031–1036.
was cited:

Saritha Krishna¹, Celia A. Dodd^{1, 3}, Shahryar K. Hekmatyar² and Nikolay M. Filipov, Brain deposition and neurotoxicity of manganese in adult mice exposed via the drinking water, *Archives of Toxicology*, 2013, doi 10.1007/s00204-013-1088-3. **IF 2012 5.215**

Alin Ciobica, Raducu Popescu, Ion Haulica, Walther Bild, **Aspects regarding the neurobiology of psycho-affective functions**, *J Med Biochem*, 2012 31(1): 83–87.
was cited in:

1) Tomoko Shiino, Takayoshi Koide, Itaru Kushima¹² / Masashi Ikeda³⁴ / Shohko Kunitomo¹² / Yukako Nakamura¹² / Akira Yoshimi¹² / Branko Aleksic MD, PhD⁵² / Masahiro Banno¹² / Tsutomu Kikuchi¹² / Kunihiro Kohmura¹² / Yasunori Adachi¹² / Naoko Kawano¹² / Takashi Okada¹² / Toshiya Inada⁶ / Hiroshi Ujike⁷ / Tetsuya Iidaka¹² / Michio Suzuki⁸ / Nakao Iwata³⁴ / Norio Ozaki, Common Variants in BCL9 Gene and Schizophrenia in a Japanese Population: Association Study, Meta-Analysis and Cognitive Function Analysis, *Journal of Medical Biochemistry*, Volume 32, Issue 4 (Oct 2013), 361–367. **IF 2012 1.08.**

2) Marija Kundakovic, Prenatal Programming of Psychopathology: The Role of Epigenetic Mechanisms, *Journal of Medical Biochemistry*, Volume 32, Issue 4 (Oct 2013), 313–324. IF 2012 1,08.

Achitei D, Ciobica A, Balan G , Gologan E, Stanciu C, Stefanescu G. **Different Profile of Peripheral Antioxidant Enzymes and Lipid Peroxidation in Active and Non-active Inflammatory Bowel Disease Patients.** *Digestive Diseases and Sciences*, (2013) 58, 1244-1249.

was cited in:

1) Ren W, Yin J, Wu M, Liu G, Yang G, Xion Y, Su D, Wu L, Li T, Chen S, Duan J, Yin Y, Wu G. Serum amino acids profile and the beneficial effects of L-arginine or L-glutamine supplementation in dextran sulfate sodium colitis. *PLoS One*. 2014 Feb 5;9(2):e88335. **IF 2012 3.730.**

2) Takashi Kuda , Kanno Tomomi, Miho Kawahara, Hajime Takahashi, Bon Kimura, Inhibitory effects of *Leuconostoc mesenteroides* 1RM3 isolated from narezushi on lipopolysaccharide-induced inflammation in RAW264.7 mouse macrophage cells and dextran sodium sulphate-induced inflammatory bowel disease in mice, *Journal of Functional Foods*, Volume 6, January 2014, Pages 631–636. **IF 2012 2.632.**

3) Kirsty Brown, Erin Molcan, Ethendhar Rajendiran, Angela Nusrat, Jessica Baker, Stephanie Ruscheinsky, Deanna L. Gibson, *Free Radicals and Gastrointestinal Disorders, Systems Biology of Free Radicals and Antioxidants*, 2014, pp 1691-1727. Editors:Ismail Laher, ISBN: 978-3-642-30017-2.

Popescu R, Bild W, Ciobica A, Bild V, **Different modulatory effects of the ammonium ions on angiotensin vascular actions in the isolated rat aortic and renal arteries**, *Arch. Biol. Sci.*, Belgrade, 2012, 64(2), 427-433.

was cited in:

Glišić TM, Perišić MD, Dimitrijevic S, Jurišić V. Doppler assessment of splanchnic arterial flow in patients with liver cirrhosis: Correlation with ammonia plasma levels and MELD score. *J Clin Ultrasound*. 2014 Jan 22. doi: 10.1002/jcu.22135. IF 2012 0.697.

Ciobica A, Hritcu L, Artenie V, Padurariu M, Bild W: Inhibition of brain renin-angiotensin system exerts protective effects on memory and oxidative stress in rats. *Eur Neuropsychopharmacol* 2009;19(suppl 3):626.

was cited in:

Doerner M, Beckmann K, Knappertz V, Kappos L, Hartung HP, Filippi M, O'Connor PW, Arnason B, Cook S, Jeffery D, Comi G, Limmroth V. Effects of Inhibitors of the Renin-Angiotensin System on the Efficacy of Interferon beta-1b: A post hoc Analysis of the BEYOND Study. *Eur Neurol*. 2014 Jan 21;71(3-4):173-179. IF 2012 1.5.

Arcan O, A. Ciobică, W. Bild, R. Dobrin, Petrariu FD, D. Cojocaru, **The interaction between oxidative and nitrosative stress in nociceptive processing in rat**, *Rev Med Chir Soc Med Nat Iasi*, 2012, 116(3), 867-874.

was cited in:

Patki G, Solanki N, Atrooz F, Allam F, Salim S. Depression, anxiety-like behavior and memory impairment are associated with increased oxidative stress and inflammation in a rat model of social stress. *Brain Res.* 2013 Nov 20;1539:73-86. **IF 2012 2.879.**

Danulescu RM, Ciobica A, Stanciu C, Trifan A. The role of rifaximine in the prevention of the spontaneous bacterial peritonitis. *Rev Med Chir Soc Med Nat Iasi* 2013; 117: 315–20.

was cited in:

N. Kimer, A. Krag, S. Møller, F. Bendtsen, L. L. Gluud, Systematic review with meta-analysis: the effects of rifaximin in hepatic encephalopathy, *Alimentary Pharmacology & Therapeutics*, doi: 10.1111/apt.12803. **IF 2012 4.548.**

Padurariu M, Ciobica A, Lefter R, Serban IL, Stefanescu C, Chirita R. The oxidative stress hypothesis in Alzheimer's disease. *Psychiatr Danub.* 2013 Dec;25(4):401-9.

Was cited in:

Anmu Xie, Jing Gao,¹ Lin Xu,¹ and Dongmei Meng, Shared Mechanisms of Neurodegeneration in Alzheimer's Disease and Parkinson's Disease, *BioMed Research International* Volume 2014 (2014), Article ID 648740. IF 2012 2.88.

Lucrări invitate la conferințe internaționale de prestigiu (25 puncte pentru fiecare activitate):

- **“The implication of oxidative stress in a rat model of Parkinson’s disease”** în cadrul conferinței **“Young Physiologist Symposium-Cations in Physiological Signaling”**, **The University of Manchester, 18-19 March , UK, 2008.** Invited by Dr. Phillip Robinson, University of Manchester.
- **“Effects of low-dose nicotine on neuronal oxidative stress status”** în cadrul conferinței **“16th European Congress of Physical and Rehabilitation Medicine”**, **Brugge, Belgium, 3-6 June 2008.** Invited by Dr. Prof. Dr. Guy Vanderstraeten and Chairs of the “Learning and Neuroplasticity” Session - Dr. Borg J. (Sweden) and Dr. De Ridder D. (Belgium).
- **Changes of some oxidative stress markers in the serum of patients with mild cognitive impairment and Alzheimer’s disease**, **International Conference on Aging & Cognition, Dortmund, Germany, 14-16 October 2010.** Invited by the

Chair of the Conference Prof. Dr. Michael Falkenstein, Leibniz Research Centre for Working Environment and Human Factors.

- **“Nicotine ameliorates behavioral deficits and oxidative stress in a 6-hydroxydopamine rat model of Parkinson’s disease”, World Federation of Societies of Biological Psychiatry (WFSBP) Congress, Prague, 29 May – 2 June 2011.** Invited by the Chair of the Session Neurodegenerative disorders II (FC-16), Prof. Dr. Alves Bartos, Czech Republic.
- **„Angiotensin-(1-7) central administration induces anxiolytic-like effects in elevated plus maze and decreased oxidative stress in the amygdala”, 11th World Congress of Biological Psychiatry, 23 - 27 June 2013, Kyoto, Japan.** Invited by the Chair of the Session Posttraumatic Stress: Basic/Clinical (FC-02), Kenichi Kuriyama, Japan.
- **„The relevance of some animal models of neuropsychiatric disorders for magnesium studies”, Magnesium in Translational Medicine, 11-15 May 2014, Smolenice, Slovak Republic.** Invited by the Chair of the Conference Dr. Martin Kolisek, The Freie Universität Berlin.

Sustineri orale la conferințe naționale:

- **“Implicatiile stresului oxidativ intr-un model de boala Parkinson la sobolan”** în cadrul celui de-al „IV-lea Simpozion al Societatii Nationale de Neurostiinte-Transdisciplinaritate în Neuroștiințe“, Bucuresti, 30-31 mai 2008.
- **„Evaluarea functionala a interdependentei dintre procesele psihoafective si cognitive”** în cadrul Zilelelor Academiei Iesene, Simpozionul „Preocupari actuale privind bazele neurobiologice ale manifestarilor psiho-afective”, 23-24 septembrie 2008. Autori: Bild W, Ciobica A.
- **„Comparative effects of central angiotensin II and angiotensin 1-7 in modulating cognitive processes and oxidative stress”** in cadrul „5th “Gheorghe Marinescu” Symposium of the National Neuroscience Society of Romania with international participation”, Bucuresti, 1-3 Octombrie 2009. Autori: Ciobica A., Bild W., Hritcu L., Popescu R., Haulica I.

Articole științifice publicate in extenso în reviste clasificate BDI:

1. Lucian Hritcu, **Alin Ciobica**, Vlad Artenie. **The effects of nicotine treatment on the antioxidant enzymes activity in the rat brain.** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM VIII, Fasc.2, 2007, 123-126.
2. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie. **Biochemical estimations in 6-hydroxydopamine-induced rat model of Parkinson’s disease.** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM VIII, Fasc.2, 2007, 97-100.

3. Lucian Hritcu, **Alin Ciobica**, Sorin Stratulat. **Nicotine, memory and oxidative stress.** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM IX, Fasc.2, 2008, 1-5.
4. Lucian Hritcu, **Alin Ciobica**, Vlad Artenie, Sorin Stratulat. **Effects of 6-OHDA infusion in the paraventricular nucleus of the hypothalamus on the learning and memory processes in rats,** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM IX, Fasc.3, 2008, 31-34.
5. Hritcu L., Ciobica A., Artenie V., The role of cholinergic-noradrenergic interactions in the mediation of the cognitive behavior of rats. *Romanian Journal of Physiology*, 2008, 43 (45), 19-29.
6. Lucian Hritcu, **Alin Ciobica**, Vlad Artenie, Sorin Stratulat, **Effect of serotonin depletion in the paraventricular nucleus of the hypothalamus on the behavioral responses in the rat,** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM IX, Fasc.4, 2008, 99-103.
7. M. Mihasan, L. Hritcu, V. Artenie, **A. Ciobica**, M. Stefan, L. Gorgan. **Bacterial lypopolisaccharide enhanced immunological responsiveness in exposed rats.** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM X, Fasc.3, 2009, 41-44.
8. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, **The effects of some cholinergic drugs on cognitive processes and oxidative stress in rats,** *Rev. Med. Chir. Soc. Med.*, 2009, 113 (3), 832-837.
9. L. Hritcu, **A. Ciobica**, M. Stefan, **Bacterial superantigens and organism physiological status: a theorethical approach,** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara* TOM X, Fasc.4, 2009, 9-13.
10. V. Artenie, G.Artenie, A.Ciobica, L. Hritcu, **Current aspects regarding the cholinergic metabolism,** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara*, TOM XI, Fasc.1, 2010, 1-11.
11. R.Vitalaru, A.Ciobica, M. Padurariu, A. Cantemir, C. Stefanescu, **Evaluation of some oxidative stress markers in depressive disorder and insomnia,** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara*, TOM XI, Fasc.1, 2010, 11-15.
12. Irina Dobrin, Alin Ciobîcă, Manuela Pădurariu, Cristinel Ștefănescu, Roxana Chiriță, **Oxidative stress status in patients with schizophrenia,** *Bulletin of Integrative Psychiatry*, 2010, 2(45), 55-59.
13. Irina Dobrin, Lucian Hritcu, Alin Ciobîcă, Romeo Dobrin, **Spatial memory deficits induced by systemic lipopolysaccharide administration,** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara*, TOM XI, Fasc.4, 2010, 203-207.
14. Irina Dobrin, Alin Ciobîcă, Manuela Padurariu, Bogdan Stoica, Cristinel Ștefănescu, Roxana Chirita, **Comparison between the effects of typical and atypical antipsychotics on oxidative stress status in schizophrenic patients,** *Analele stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara*, TOM XI, Fasc.4, 2010, 197-203.

15. Alin Ciobica, Lucian Hritcu, Manuela Padurariu, Cristinel Stefanescu, Walther Bild, **Current Aspects regarding the Connection between Alzheimer's Disease and Renin-angiotensin System. Relevance of Oxidative Stress**, *Alzheimer's Disease Research Journal*, Nova Publisher, New York, 2010, Volume 2 Issue 4, 1-7.
16. Dobrin, I, Chirita R, Straulea A, Ciobica A, Dobrin R, **Some comorbidities of benzodiazepine addicted patients**, *Analele stiintifice ale Universitatii Alexandru Ioan Cuza-Genetica si Biologie Moleculara*, TOM XII, Vol. 2, 2011, 53-58.
17. Ciobica A, Hricu L, Padurariu M, Chiriță R, Dobrin R, **Experimental Approaches for Studying the Interaction Between Cognitive and Affective Functions in Rats**, *Bulletin of Integrative Psychiatry*, 2011, 1(48),
18. Catalin Joacabine, Manuela Padurariu, Alin Ciobica, Cristinel Stefanescu, Cristian Dinu Popescu, **The effects of systolic blood pressure on cognitive status: main focus on cognitive subdomains**, *Bulletin of Integrative Psychiatry*, 2011, 2(49),
19. Hritcu, L., Stefan, M., Ciobica, A., Gorgan, L., Mihasan, M., **Effects of lipopolysaccharide administration on glucose metabolism in rats**, 2011, *Annals of the Romanian Society for Cell Biology*, 16 (1), 124-126.
20. Arcan O, A. Ciobică, Hritcu L., W. Bild, R. Lefter, D. Cojocaru, **The importance of oxidative and nitrosative stress on angiotensin II-induced amnestic effects in rat**, *Analele stiintifice ale Universitatii Alexandru Ioan Cuza-Genetica si Biologie Moleculara*, TOM XIII, Vol.1, 2012, 25-30.
21. Arcan O, A. Ciobică, W. Bild, R. Dobrin, Petrariu FD, D. Cojocaru, **The interaction between oxidative and nitrosative stress in nociceptive processing in rat**, *Rev Med Chir Soc Med Nat Iasi*, 2012, 116(3), 867-874.
22. Arcan O, A. Ciobică, W. Bild, R. Dobrin, Petrariu F., D. Cojocaru, **The relations between angiotensin-II induced hypertension and anxiety in rats. The relevance of oxidative/nitrosative stress**, *Bulletin of Integrative Psychiatry*, 2012, 53(2), 49-57.
23. Catalin Joacabine, Manuela Padurariu, Alin Ciobica, Romeo Dobrin,. Andrei Ciobica, Florin Mitu, Cristian Dinu Popescu. **The levels of the cognitive subdomains of MMSE in patients with reported cardiovascular problems**, *Romanian Journal of Psychopharmacology*, 2012, Vol. 12, Nr. 2, 90-95.
24. Ion Raducu Popescu, Alin Ciobica, Mircea David Gheorghe Pavelescu, **New insights into the generation of the angiotensin peptides**, *Analele stiintifice ale Universitatii Alexandru Ioan Cuza-Genetica si Biologie Moleculara*, 2012, Vol 13, No 2, 39-48.
25. Răzvana Munteanu Dănulescu, A. Ciobică, Carol Stanciu, Anca Trifan, **The role of rifaximine in the prevention of the spontaneous bacterial peritonitis**. *Rev. Med. Chir. Soc. Med.*, 2013, 117(2), 315-320.
26. Răzvana Munteanu Dănulescu, A Ciobică, C Stanciu, Anca Trifan, **The influence of antibiotic treatment on the dynamics of oxidative stress in spontaneous bacterial peritonitis**, *Rev. Med. Chir. Soc. Med.*, 2013, 117(3), 598-604.
27. Manuela Padurariu, Lefter Radu, Lucian Hritcu, Alin Ciobica, Roxana Chirita, **Decreased short-term spatial memory and increased oxidative stress in a**

- scopolamine-induced rat model of Alzheimer's disease**, *Bulletin of Integrative Psychiatry*, 2013, 2(57), 15-22.
28. Daniel Timofte, Radu Danila, Alin Ciobica, Corneliu Diaconu, Roxana Livadaru, Lidia Ionescu, **The relevance of some tumoral markers in patients with pancreatic cancer**, *Analele Științifice ale Universității „Alexandru Ioan Cuza”*, Secțiunea Genetică și Biologie Moleculară, 2014; 15 (2): 51-58.
 29. Daniel Timofte, Radu Danila, Romeo Petru Dobrin, Alin Ciobica, Roxana Livadariu, Corneliu Diaconu, Lidia Ionescu, **Current Aspects Regarding the Quality of Life in Patients with Pancreatic Cancer**, *Romanian Journal of Psychopharmacology*, 2014, Volume 14, Issue 2, 114-121.

Carti stiintifice

1. Alin Stelian Ciobica, **Implicarea receptorilor colinergici si catecolaminergici in procesele cognitive**, 2007, 187 pagini, Editura Universitatii Al I Cuza, ISBN 978-973-703-262-1.
2. Alin Stelian Ciobica, **Interactiunea unor receptori colinergici cu unii receptori catecolaminergici in procesele cognitive**, 2007, 109 pagini, Editura Universitatii Al I Cuza, ISBN 978-973-703-263-8.
3. Alin Stelian Ciobica, **Stadiul actual al cunoasterii rolului receptorilor colinergici si catecolaminergici in memorare si invatare**, 2007, 120 pagini, Editura Universitatii Al I Cuza, ISBN 978-973-703-261-4.
4. Alin-Stelian Ciobica, **Interacțiuni simpato-parasimpatice în procesele cognitive**, 2008, 260 de pagini, Editura Pim, Iași, ISBN 978-606-520-146-0.

Contracte de cercetare științifică interne:

- **Director de proiect CNCSIS TD nr. 464/2007–“Interactiunea dintre sistemele colinergic si catecolaminergic in procesele de invatare si memorare la sobolan”. Perioada 2007-2008 (180.000 RON).**
- **Colaborator in cadrul proiectului PN II IDEI, 85/2008,“Impactul unor superantigene de origine bacteriana asupra statusului fiziologic al organismului animal”. Perioada 2008-2011 (1.000.000 RON).**
- **Membru activ - Grant CEEEX, Nr. 252/2005, „Caracterizarea unor principii bioactive de origine vegetala si fungica, cu actiune citostatica, imunomodulatoare, metabolica si neurotrofa si valorificarea lor in alimentatia functionala”. Perioada 2005-2008 (1.500.000 RON).**
- **Membru activ – Student in cadrul grantului CNCSIS, tip A, Nr. 639/2004, “Interactiunea dintre sistemele colinergic, catecolaminergic si serotoninergic in procesele de invatare memorie la sobolani”. Perioada 2004-2006 (104.747 RON).**

Lucrări științifice în rezumat în reviste cotate Web of Science cu factor de impact:

1. **Ciobica A., Hritcu L., Artenie V., Padurariu M. "Effects of low-dose nicotine on neuronal oxidative stress status". *J Rehabil Med* 2008; Supl 47: 51. ISSN 1650-1977. IF= 1.983.**
2. **Ciobica A., Hritcu L., Artenie V., Padurariu M. "Learning and memory disorders in 6-hydroxydopamine-induced rat model of Parkinson 's disease". *J Rehabil Med* 2008; Supl 47: 139. ISSN 1650-1977. IF= 1.983.**
3. **Ciobica A., Hritcu L., Artenie V., Padurariu M. "The implication of oxidative stress in a rat model of Parkinson 's disease". *J Rehabil Med* 2008; Supl 47: 139. ISSN 1650-1977. IF= 1.983.**
4. **A. Ciobica, L. Hritcu, V. Artenie. "Memory impairment caused by oxidative stress generation in the intraventricular area of rats". *Cerebrovasc Dis* 2008; 25 (suppl 2): 92. IF= 3,041. (21,94 puncte).**
5. **Lucian Hritcu, Alin Ciobica, Vlad Artenie, Manuela Padurariu. "The effects of chronic nicotine treatment on the antioxidant enzymes activity in the rat brain" *Clinical Neuropathology*, Vol. 27, No. 3/2008, pp. 174, ISSN 0722-5091. IF=1,2. (7,25 puncte).**
6. **Lucian Hritcu, Alin Ciobica, Vlad Artenie, Manuela Padurariu. "The effects of nicotinic treatment on memory and learning impairment induced by blockade of beta-adrenergic and D2 dopamine receptors on performance in passive avoidance task in rats". *Clinical Neuropathology*, Vol. 27 – No. 3/2008, pp. 175, ISSN 0722-5091. IF=1,2. (7,25 puncte).**
7. **Ciobica Alin, Hritcu Lucian, Artenie Vlad, Padurariu Manuela. "Learning and memory disorders in 6-hydroxydopamine-induced rat model of Parkinson's disease". *Clinical Neurophysiology*, 2008, 119 (1), S71, ISSN 1388-2457. IF= 2.972. (16 puncte).**
8. **L. Hritcu, A. Ciobica, M. Stefan, "The role of the ganglionic blocker chlorisondamine in mediating stress - inducing immune responsiveness in rats", *Journal of Neuroimmunology* , 197 (2008), 159–176. IF= 3.159. (22, 7 puncte).**
9. **Alin Ciobica, Lucian Hritcu , Vlad Artenie, Manuela Padurariu. "Cognitive disorders in 6-hydroxydopamine-induced rat model of Parkinson's disease" *The International Journal of Neuropsychopharmacology*, 11(Suppl 1), 2008, P05.86, 229, ISSN 1461-1457. IF= 4.378. (23,14 puncte).**
10. **Alin Ciobica, Lucian Hritcu , Vlad Artenie, Manuela Padurariu. "Memory impairment caused by oxidative stress generation in the rat hippocampus", *The International Journal of Neuropsychopharmacology*, 11(Suppl 1), 2008, P05.04, 208-209, ISSN 1461-1457. IF= 4.378. (23,14 puncte).**
11. **Alin Ciobica, Lucian Hritcu, Vlad Artenie. "Some aspects concerning the interaction between the cholinergic and noradrenergic systems in learning and memory processes in rats", *The International Journal of Neuropsychopharmacology*, 11(Suppl 1), 2008, P05.05, 209, ISSN 1461-1457. IF= 4.378. (30,8 puncte).**
12. **Alin Ciobica, Lucian Hritcu , Vlad Artenie, Manuela Padurariu. "Some aspects of oxidative stress in a rat model of of Parkinson's disease" *The International***

- Journal of Neuropsychopharmacology*, 11(Suppl 1), 2008, P05.85, 228-229, ISSN 1461-1457. IF= 4.378. (23,14 puncte).
13. **Alin Ciobica**, Lucian Hritcu , Vlad Artenie, Manuela Padurariu, **The implication of oxidative stress in a rat model of Parkinson's disease**, *European Journal of Neurology*, 15 (Suppl 3), 2008, 235. IF= 2.732. (14,91 puncte).
 14. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie, Manuela Padurariu, **Cognitive disorders in a 6-hydroxydopamine-induced rat model of Parkinson's disease**, *European Journal of Neurology*, 15 (Suppl 3), 2008, 47. IF= 2.732. (14,91 puncte).
 15. Lucian Hritcu, Manuela Padurariu, **Alin Ciobica**, Vlad Artenie, **Oxidative stress damage of hippocampus induced memory impairment in rats**, *European Journal of Neurology*, 15 (Suppl 3), 2008, 234. IF= 2.732. (14,91 puncte).
 16. Lucian Hritcu, Manuela Padurariu, **Alin Ciobica**, Vlad Artenie **Some aspects concerning the interaction between the cholinergic and noradrenergic systems in learning and memory processes in rats**, *European Journal of Neurology*, 15 (Suppl 3), 2008, 297. IF= 2.732. (14,91 puncte).
 17. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie, Manuela Padurariu, **Cognitive disorders in a 6-hydroxydopamine-induced rat model of Parkinson's disease**, *European Neuropsychopharmacology*, 18 (Suppl 1), 2008, S 276. IF= 3.661. (19,55 puncte).
 18. M Padurariu, , L Hritcu, **A Ciobica**, V Artenie, **Oxidative stress damage of hippocampus induced memory impairment in rats**, *European Neuropsychopharmacology* ,18 (Suppl 1), 2008, S 278-279. IF= 3.661. (19,55 puncte).
 19. M Padurariu, L Hritcu, **A Ciobica**, V Artenie, **The implication of oxidative stress in a rat model of Parkinson's disease**, *European Neuropsychopharmacology* ,18 (Suppl 1), 2008, S508-509. IF= 3.661. (19,55 puncte).
 20. **Alin Ciobica**, Lucian Hritcu , Vlad Artenie, Manuela Padurariu, **Some aspects concerning the interaction between the cholinergic and noradrenergic systems in learning and memory processes in rats**, *European Neuropsychopharmacology*, 18 (Suppl 1), 2008, S 276-277. IF= 3.661. (19,55 puncte).
 21. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **Effects of low-dose nicotine on cognitive function and neuronal oxidative stress status**, *European Neuropsychopharmacology*, Volume 19 (2009) Supplement 1, Page S37. IF= 3.661. (15,64 puncte).
 22. Bild W, Hritcu L, **Ciobica A**, Artenie V, Haulica I. (2009). **Comparative effects of captopril, losartan and PD123319 on the memory processes in rats**. *European Psychiatry*, 24, 860. IF= 2.433. (10,73 puncte).
 23. Hritcu L, Bild W, **Ciobica A**, Artenie V, Haulica I. (2009). **Behavioral changes induced by angiotensin AT1 receptors blockade in the rat brain**. *European Psychiatry*, 24, 859. IF= 2.433. (10,73 puncte).
 24. L. Hritcu, **A. Ciobica**, **Role of the septohippocampal pathway in learning and memory processes of rats**, *Neurodegenerative Diseases*, Volume 6, Supplement 1, 2009, 135. IF= 2.989. (32,39 puncte).

25. L. Hritcu, **A. Ciobica**, M. Stefan, **Unilateral lesion of substantia nigra induced changes on immune responsiveness in a rat model of Parkinson's disease**, *Neurodegenerative Diseases*, Volume 6, Supplement 1, 2009, 2166. IF= 2.989. (21,59 puncte).
26. L. Hritcu, **A. Ciobica**, **Effects of chronic nicotine treatment on performance in radial arm-maze task in rats**, *Neurodegenerative Diseases*, Volume 6, Supplement 1, 2009, 136. IF= 2.989. (32,39 puncte).
27. M. Padurariu, C. Stefanescu, R. Branzei, **A. Ciobica**, B. Stoica, **Oxidative stress in patients with mild cognitive impairment and depression: a possible factor for increasing the risk of developing dementia?**, *Journal of Neurology*, Volume 256, Supplement 2, June 2009, 70-71. IF= 2.536. (11,1 puncte).
28. C. Stefanescu, M. Padurariu, R. Branzei, **A. Ciobica**, L. Hritcu, **Oxidative stress in mild cognitive impairment – A signal for Alzheimer's disease?**, *Journal of Neurology*, Volume 256, Supplement 2, June 2009, 71. IF= 2.536. (11,1 puncte).
29. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **Catecholaminergic antagonists infusion into the rat intraventricular area cause severe oxidative stress – Relevance for cognitive processes**, *Journal of Neurology*, Volume 256, Supplement 2, June 2009, 187. IF= 2.536. (11,1 puncte).
30. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **Nicotine improves 6-OHDA induced impairment of memory and food reward in nucleus accumbens**, *Journal of Neurology*, Volume 256, Supplement 2, June 2009, 187. IF= 2.536. (11,1 puncte).
31. **A. Ciobica**, W. Bild, I. Haulica, L. Hritcu, O. Arcan, **Effects of angiotensin II, its receptor antagonists and captopril on cognitive functions and oxidative stress in rats**, *Journal of Neurology*, Volume 256, Supplement 2, June 2009, 194. IF= 2.536. (11,1 puncte).
32. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, B. Stoica, **Effects of paraventricular nucleus lesion on cognitive functions and oxidative stress**, *Journal of Neurology*, Volume 256, Supplement 2, June 2009, 194-195. IF= 2.536. (11,1 puncte).
33. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **The cholinergic-catecholaminergic interaction in rat: cognitive processes and oxidative stress**, *Journal of Neurology*, Volume 256, Supplement 2, June 2009, 195. IF= 2.536. (11,1 puncte).
34. L. Hritcu, **A.S. Ciobica**, V. Artenie, M. Padurariu, W. Bild, **Some aspects concerning the interaction between the cholinergic and noradrenergic systems in learning and memory processes in rats**, *Neurodegenerative Diseases*, Volume 6, Supplement 1, 2009, 1868. IF = 2.989. (12,95 puncte).
35. L. Hritcu, **A.S. Ciobica**, V. Artenie, M. Padurariu, W. Bild, **Changes in the activity of the antioxidant enzymes in 6-hydroxydopamine-induced rat model of Parkinson's disease**, *Neurodegenerative Diseases*, Volume 6, Supplement 1, 2009, 1868. IF = 2.989. (12,95 puncte).
36. L. Hritcu, **A.S. Ciobica**, V. Artenie, M. Padurariu, W. Bild, **Cognitive disorders in 6-hydroxydopamine-induced rat model of Parkinson's disease**, *Neurodegenerative Diseases*, Volume 6, Supplement 1, 2009, 1886. IF = 2.989. (12,95 puncte).

37. **A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, The facilitatory effects of nicotine on memory and oxidative stress in a 6-OHDA induced lesion of nucleus accumbens,** *European Neuropsychopharmacology*, Volume 19, Supplement 3, September 2009, Page S634. IF= 3.661. (15,64 puncte).
38. **A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, Inhibition of brain renin-angiotensin system exerts protective effects on memory and oxidative stress in rats,** *European Neuropsychopharmacology*, Volume 19, Supplement 3, September 2009, Page S626. IF= 3.661. (15,64 puncte).
39. **A.S. Ciobica, L.Hritcu, V. Artenie, W.Bild, The importance of nicotine in a 6-hydroxydopamine-induced rat model of Parkinson's disease,** *Journal of the Neurological Sciences*, Volume 285, Supplement 1, October 2009, Pages S135-S136. IF= 2.359. (13,04 puncte).
40. **M. Padurariu, C. Stefanescu, A. Ciobica, W. Bild, Peripheral oxidative stress in mild cognitive impairment and Alzheimer disease,** *Journal of the Neurological Sciences*, Volume 285, Supplement 1, October 2009, Page S277. IF= 2.359. (13,04 puncte).
41. **A. Ciobica, L. Hritcu, V. Artenie, Changes in the activity of the antioxidant enzymes in 6-hydroxydopamine-induced rat model of Parkinson's disease,** *Journal of the Neurological Sciences*, Volume 283, Issues 1-2, 15 August 2009, Pages 282-283. IF= 2.359. (17,39 puncte).
42. **Ciobica A, Hritcu L, Artenie V, Padurariu M, Bild W, The effects of 6-OHDA-induced lesion of paraventricular nucleus on cognitive functions and oxidative stress,** *European Journal of Neurology*, Volume: 16 (3), Pages: 448. IF= 2.732. (11,92 puncte)
43. **Padurariu, M, Stefanescu C, Ciobica A, Hritcu L, Branzei R, Oxidative stress in mild cognitive impairment, a signal for Alzheimer's disease?,** *European Journal of Neurology*, Volume: 16 (3), Pages: 355. IF= 2.732. (11,92 puncte).
44. **A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, A possible correlation between memory and neuronal oxidative stress status in a 6-OHDA model of Parkinson's disease,** *Parkinsonism & Related Disorders*, Volume 15, Supplement 2, December 2009, Pages S177-S178. IF= 1.907. (8.62 puncte).
45. **M. Padurariu, C. Stefanescu, A. Ciobica, B. Stoica, The importance of oxidative stress in dementia progression,** *Parkinsonism & Related Disorders*, Volume 15, Supplement 2, December 2009, Page S38. IF= 1.907. (10,7 puncte).
46. **Ciobica A., Bild W., Hritcu L., Artenie V., Haulica I., The importance of oxidative stress in angiotensin II-mediated effects on cognitive functions,** *Neuropeptides*, 2009, 43(5), 420-421. IF= 2.438. (10,75 puncte).
47. **A. Ciobica, L. Hritcu, V. Artenie, W. Bild, M. Padurariu, Pergolide attenuates memory impairment and oxidative stress in a 6-hydroxydopamine model of Parkinson's disease,** *European Neuropsychopharmacology*, Volume 20, Supplement 1, March 2010, Pages S34-S35. IF= 3.661. (15,64 puncte).
48. **L. Hritcu, A. Ciobica, M. Stefan, T. Nabeshima, Deficits of spatial memory and oxidative stress damage following exposure to lipopolysaccharide in a rat model of Parkinson's disease,** *European Psychiatry*, Vol. 25, Supplement 1, 2010, Page 1497.

49. M. Padurariu, A. Ciobica, R. Branzei, L. Hritcu, C. Stefanescu, **Oxidative stress in patients with mild cognitive impairment and depression could be an important risk factor for dementia**, *European Psychiatry*, Volume 25, Supplement 1, 2010, Page 925.
50. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, **Protective effects of pergolide in a 6-hydroxydopamine model of Parkinson's disease**, *Journal of Neurology*, 2010, Volume 257, Supplement 1, Page 62.
51. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **Nicotine attenuates memory impairment and oxidative stress in 6-hydroxydopamine model of Parkinson's disease**, *Journal of Neurology*, 2010, Volume 257, Supplement 1, 62-63.
52. A. Ciobica, W. Bild, R. Popescu, L. Hritcu, I. Haulica, **Central angiotensin peptides: pre-clinical findings and possible implications for dementia treatment**, *Journal of Neurology*, 2010, Volume 257, Supplement 1, Page 139.
53. M. Padurariu, R.I. Ciubotariu, C. Stefanescu, A. Ciobica, A. Cantemir, **The impact of oxidative stress in patients with depression and mild cognitive impairment**, *Journal of Neurology*, 2010, Volume 257, Supplement 1, Page 162.
54. M. Padurariu, I. Dobrin, C. Stefanescu, A. Ciobica, R.P. Dobrin, **Oxidative stress status in schizophrenic patients treated with typical versus atypical antipsychotics**, *European Neuropsychopharmacology*, 2010, Volume 20, Supplement 3, Page S491.
55. A. Ciobica, L. Hritcu, I. Haulica, R. Popescu, V. Bild, **The involvement of oxidative stress in some cognitive effects of angiotensin II and angiotensin 1-7 in rats**, *European Neuropsychopharmacology*, 2010, Volume 20, Supplement 3, Page S287-288.
56. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, Z. Olteanu, **Nicotine ameliorates behavioural deficits and oxidative stress in a 6-hydroxydopamine rat model of Parkinson's disease**, *European Neuropsychopharmacology*, 2010, Volume 20, Supplement 3, Page S288.
57. R. Vitalaru, M. Padurariu, A. Cantemir, A. Ciobica, C. Stefanescu, **Implications of oxidative stress in patients with depressive disorder and insomnia**, *European Neuropsychopharmacology*, 2010, Volume 20, Supplement 3, Page S426.
58. Ciobica A, Hritcu L, Padurariu M, Bild V, Stoica B., **Pergolide attenuates memory impairment and oxidative stress induced by a 6-hydroxydopamine model of Parkinson's disease**, *Brain Pathology*, 2010, Volume 20, Supplement 1, Page 29.
59. Alin Ciobica, Manuela Padurariu, Stefanescu C, Dobrin R, **Changes of some oxidative stress markers in the serum of patients with mild cognitive impairment and Alzheimer's disease**, *Brain Pathology*, 2010, Volume 20, Supplement 1, Page 21.
60. R. Ciobotariu, M. Padurariu, A. Cantemir, A. Ciobica, C. Stefanescu, **The impact of some antidepressants on sleep quality in patients with depression**, *European Journal of Neurology* 17 (Suppl. 3), 620.

61. R. Ciobotariu, M. Padurariu, A. Ciobica, B. Stoica, C. Stefanescu, **Some important implications of oxidative stress in patients with depression and insomnia**, *European Journal of Neurology* 17 (Suppl. 3), 620.
62. A. Ciobica, I. Haulica, L. Hritcu, R. Popescu, W. Bild, **The involvement of some central angiotensins in cognitive processes and oxidative stress in rats**, *European Journal of Neurology*, 2010, 17 (Suppl. 3), 366.
63. A. Ciobica, L. Hritcu, M. Padurariu, Z. Olteanu, V. Artenie, **Possible implications of nicotine in Parkinson's disease therapy**, *European Journal of Neurology*, 2010, 17 (Suppl. 3), 370.
64. M. Padurariu, A. Ciobica, I. Dobrin, C. Stefanescu, **Changes of some oxidative stress markers in schizophrenia: comparison between typical and atypical antipsychotics effects**, *European Neuropsychopharmacology*, Volume 21, Supplement 1, March 2011, Page S88.
65. A. Ciobica, L. Hritcu, M. Padurariu, Z. Olteanu, V. Bild, **Low dose nicotine improves 6-OHDA-induced impairment of memory, oxidative stress and food reward in nucleus accumbens**, *European Neuropsychopharmacology*, Volume 21, Supplement 2, 1 April 2011, Pages S130-S131.
66. M. Padurariu, A. Ciobica, I. Dobrin, C. Joacabine, C. Stefanescu, **Oxidative stress markers in patients treated with typical and atypical antipsychotics**, *European Psychiatry*, Volume 26, Supplement 1, 2011, Page 1465. Abstracts of the 19th European Congress of Psychiatry.
67. Catalin Joacabine, Manuela Padurariu, Romeo Dobrin, Alin Ciobica, **Cardiovascular risk factors to be used as markers for cognitive deficits**, *Neuroscience Letters*, Volume 500, Supplement 1, July 2011, Page e42.
68. Manuela Padurariu, Ciobica Alin, Catalin Joacabine, Romeo Dobrin, Cristinel Stefanescu, **Cardiovascular risk factors are directly correlated with the degree of cognitive decline in Mild cognitive impairment and Alzheimer's disease patients**, *Alzheimer's and Dementia*, Volume 7, Issue 4, Supplement 1, July 2011, Page S325.
69. Ciobica Alin, Manuela Padurariu, Lucian Hritcu, Veronica Bild, Walther Bild, **The effects of angiotensin II and angiotensin 1-7 in cognitive processes and oxidative stress in rats. Relevance for Alzheimer's disease**, *Alzheimer's and Dementia*, Volume 7, Issue 4, Supplement 1, July 2011, Pages S112-S113.
70. M. Padurariu, A. Ciobica, C. Stefanescu, C. Joacabine, **The importance of some cardiovascular risk factors for dementia**, *Clinical Neurophysiology*, Volume 122, Supplement 1, June 2011, Page S100.
71. A. Ciobica, L. Hritcu, M. Padurariu, V. Bild, **Nicotine attenuates some 6-OHDA induced deficits of cognition and food reward in nucleus accumbens**, *Clinical Neurophysiology*, Volume 122, Supplement 1, June 2011, Page S100.
72. A. Ciobica, L. Hritcu, W. Bild, M. Padurariu, V. Bild, **Effects of angiotensin II and its specific receptor antagonists on anxiety status and some oxidative stress markers in rat**, *European Neuropsychopharmacology*, Volume 21, Supplement 3, September 2011, Pages S538-S539.

73. Ciobica, A, Hritcu, L; Bild, V; Padurariu, M; Bild, W, **The effects of angiotensin II and its receptor blockers on anxiety status and central oxidative stress in rat**, *Journal of Neurology* (IF 3.853), Volume: 258 Supplement: 1 Pages: 69-70 Published: May 2011. 21st Meeting of the European-Neurological-Society Location: Lisbon, Portugal Date: May 28-31, 2011.
74. Hritcu, L; Ciobica, A; Stefan, M; Mihasan, M; Gorgan, L., **Memory deficits and brain oxidative stress in the lipopolysaccharide Parkinson's disease animal model**, *FEBS Journal* (IF= 3.129), Volume: 278, Supplement: 1 Pages: 279-279 Published: Jun 2011, 36th FEBS (Federation of Biochem & Mol Biol) Congress of the Biochemistry for Tomorrow's Medicine Location: Torino, Italy Date: Jun 25-30, 2011.
75. Padurariu, M; Ciobica, A; Stoica, B; Dobrin, R; Stefanescu, C, **Changes of some oxidative stress markers in patients with anxiety disorder**, *European Journal of Neurology* (IF= 3.765) Volume: 18 Supplement: 2 Pages: 425-425 Published: SEP 2011 15th Congress of the European-Federation-of-Neurological-Societies (EFNS) Location: Budapest, Hungary Date: Sep 10-13, 2011.
76. Ciobica, A; Hritcu, L; Bild, W; Padurariu, M; Bild, V, **The effects of AT1/AT2 angiotensin receptor antagonists on anxiety status and some oxidative stress markers in rats**, *European Journal of Neurology* (IF= 3.765) Volume: 18 Supplement: 2 Pages: 422-422 Published: Sep 2011 15th Congress of the European-Federation-of-Neurological-Societies (EFNS) Location: Budapest, Hungary Date: Sep 10-13, 2011.
77. A. Ciobica, L. Hritcu, M. Padurariu, V. Bild, **Nicotine ameliorates behavioral deficits and oxidative stress in a 6-hydroxydopamine rat model of Parkinson's disease**, *Parkinsonism & Related Disorders* (IF 2010 3.245), Volume 18, Supplement 2, January 2012, Page S120. Presented at XIX World Congress on Parkinson's disease and Related Disorders, Shanghai, China, 11-14 December 2011.
78. M. Padurariu, L. Hritcu, A. Ciobica, A. Neagu, **Pergolide attenuates memory deficiencies and oxidative stress induced by a 6-hydroxydopamine model of Parkinson's disease**, *Parkinsonism & Related Disorders* (IF 2010 3.245), Volume 18, Supplement 2, January 2012, Page S197. Presented at XIX World Congress on Parkinson's disease and Related Disorders, Shanghai, China, 11-14 December 2011.
79. Padurariu, M.; Ciobica, A.; Dobrin, R., Lefter, R, Stefanescu, C, **Oxidative stress in patients with mild cognitive impairment and depression: a possible factor for increasing the risk of developing dementia?**, 16th Congress of the European-Federation-of-Neurological-Societies (EFNS) Stockholm, SWEDEN Date: SEP 08-11, 2012. Published in *EUROPEAN JOURNAL OF NEUROLOGY* Volume: 19 Special Issue: SI Supplement: 1 Pages: 473-473 Published: SEP 2012
80. Ciobica, A. N.; Hritcu, L.; Lefter, R Cojocaru, D, **The effects of a paraventricular nucleus lesion on cognitive functions and oxidative stress in rats**, 16th Congress of the European-Federation-of-Neurological-Societies

(EFNS) Location: Stockholm, SWEDEN Date: SEP 08-11, 2012. Published in EUROPEAN JOURNAL OF NEUROLOGY Volume: 19 Special Issue: SI Supplement: 1 Pages: 477-477 Published: SEP 2012.

81. M. Padurariu, A. Ciobica, C. Stefanescu, **The relevance of oxidative stress status in first episode and recurrent depression**, *European Neuropsychopharmacology* (IF 4.595), Volume 23, Supplement 2, October 2013, Pages S353–S354. Presented at 26th ECNP Congress, 5-9 October 2013, Barcelona, Spain, P.2.b.058.
82. A. Ciobica, W. Bild, M. Padurariu, V. Bild, **Angiotensin (1–7) administration induces anxiolytic-like effects in elevated plus maze and decreased oxidative stress in the amygdala**. *European Neuropsychopharmacology* (IF 4.595), Volume 23, Supplement 2, October 2013, Pages S261. Presented at 26th ECNP Congress, 5-9 October 2013, Barcelona, Spain, P.1.h.032.
83. R.S. Munteanu Danulescu, A. Ciobica, O.C. Munteanu Danulescu, A. Trifan, C. Stanciu, C. Cojocariu, **DOES RIFAXIMIN REDUCE THE RISK OF SPONTANEOUS BACTERIAL PERITONITIS IN CIRRHOTIC PATIENTS WITH REFRACTORY ASCITIS?**, *Journal of Hepatology* (IF 9,8), Volume 60, Issue 1, Supplement, April 2014, Pages S393. Presented at The International Liver Congress 2014 – 49th Annual meeting of the European Association for the Study of the Liver, April 9-13, 2014 London, United Kingdom, p. 953.
84. Daniel Timofte, Walther Bild, Alin Ciobica, Radu Lefter, Paulet Manuel, Emil Anton, **Angiotensin-(1-7) central administration induces anxiolytic-like effects in elevated plus maze and decreased oxidative stress in the amygdala**, *Psychiatry Today (Psychiatr Dan)*, p 119, ISSN-0350-2538. Presented at VI Forum of the Institute of Mental Health and 1st Review of Psychiatry (INTERΨ2014), Belgrade, 5-7th June 2014.
85. Daniel Timofte, Padurariu Manuela, Alin Ciobica, Emil Anton, **Cardiovascular risk factors as potential markers for mild cognitive impairment and Alzheimer's disease**, *Psychiatry Today (Psychiatr Dan)*, p 120, ISSN-0350-2538. Presented at VI Forum of the Institute of Mental Health and 1st Review of Psychiatry (INTERΨ2014), Belgrade, 5-7th June 2014.
86. Daniel Timofte, Padurariu Manuela, Alin Ciobica, Emil Anton, **Establishing echocardiographic and arterial stiffness markers predictors for cognitive decline**, *Psychiatry Today (Psychiatr Dan)*, p 121, ISSN-0350-2538. Presented at VI Forum of the Institute of Mental Health and 1st Review of Psychiatry (INTERΨ2014), Belgrade, 5-7th June 2014.
87. Daniel Timofte, Walther Bild, Alin Ciobica, Radu Lefter, Paulet Manuel, Emil Anton, **Inhibition of central angiotensin II enhances memory function and reduces oxidative stress status in rat hippocampus**, *Psychiatry Today (Psychiatr Dan)*, p 118, ISSN-0350-2538. Presented at VI Forum of the Institute of Mental Health and 1st Review of Psychiatry (INTERΨ2014), Belgrade, 5-7th June 2014.

88. Daniel Timofte, Cristina Toarba, Simona Hogas, Adrian Covic, Radu Lefter, Alin Ciobica, Roxana Chirita, Emil Anton, Mariana Graur, **Establishing the connections between alcohol intake, cognitive functions and type 2 diabetes**, *Psychiatry Today (Psychiatr Dan)*, p 123, ISSN-0350-2538. Presented at VI Forum of the Institute of Mental Health and 1st Review of Psychiatry (INTERΨ2014), Belgrade, 5-7th June 2014.
89. Daniel Timofte, Alin Ciobica, Manuela Padurariu, Emil Anton, **The relevance of oxidative stress status in first episode and recurrent depression**, *Psychiatry Today (Psychiatr Dan)*, p 124, ISSN-0350-2538. Presented at VI Forum of the Institute of Mental Health and 1st Review of Psychiatry (INTERΨ2014), Belgrade, 5-7th June 2014.
90. Daniel Timofte, Cristina Toarba, Simona Hogas, Adrian Covic, Radu Lefter, Alin Ciobica, Roxana Chirita, Emil Anton, Mariana Graur, **The relevance of body mass index in the cognitive status of diabetic patients with different alcohol drinking patterns**, *Psychiatry Today (Psychiatr Dan)*, p 122, ISSN-0350-2538. Presented at VI Forum of the Institute of Mental Health and 1st Review of Psychiatry (INTERΨ2014), Belgrade, 5-7th June 2014.

Lucrări științifice în rezumat în volume fără factor de impact

Rezumate in reviste internationale:

1. Manuela Padurariu, Cristinel Stefanescu, **Alin Ciobica**, Lucian Hritcu, **Oxidative stress in patients with MCI increases the risk of developing Alzheimer's disease**, *Alzheimer's and Dementia*, Volume 5, Issue 4, Supplement 1, June 2009, Page P505. (2,5 puncte).
2. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie, Padurariu Manuela, Walther Bild, **The relevance of cholinergic-catecholaminergic interaction (cognitive processes and oxidative stress) in Alzheimer's disease**, *Alzheimer's and Dementia*, Volume 5, Issue 4, Supplement 1, July 2009, Page P331. (2 puncte).
3. Manuela Padurariu, **Alin Ciobica**, Lucian Hritcu, Vlad Artenie. **“Cognitive disorders in 6-hydroxydopamine-induced rat model of Parkinson’s disease”**. *Revista Espanola de Neuropsicologia*, 2008, 10 (1), 137, ISSN: 1139-9872. (2,5 puncte).
4. **Alin Ciobica**, Lucian Hritcu , Vlad Artenie, Manuela Padurariu. **“Memory impairment caused by oxidative stress generation in the rat hippocampus”**. *Revista Espanola de Neuropsicologia*, 2008, 10 (1), 158, ISSN: 1139-9872. (2,5 puncte).
5. **Alin Ciobica**, Lucian Hritcu , Vlad Artenie, Manuela Padurariu. **“Some aspects concerning the interaction between the cholinergic and noradrenergic systems in learning and memory processes in rats”**. *Revista Espanola de Neuropsicologia*, 2008, 10 (1), 171, ISSN: 1139-9872. (2,5 puncte).
6. **Alin Ciobica**, Lucian Hritcu , Vlad Artenie, Manuela Padurariu. **“Some aspects of oxidative stress in a rat model of of Parkinson’s disease”**. *Revista Espanola de Neuropsicologia*, 2008, 10 (1), 171, ISSN: 1139-9872. (2,5 puncte).

1. Alin Ciobica, Walther Bild, Lucian Hritcu, Radu Popescu, Ion Haulica, **Comparative effects of central angiotensin II and angiotensin 1-7 in modulating cognitive processes and oxidative stress in rats: relevance for dementia**, *Alzheimer's and Dementia*, Volume 6, Issue 4, Supplement 1, July 2010, Page S206.
2. Manuela Padurariu, Raluca Ciubotariu, Adrian Cantemir, Alin Ciobica, Cristinel Stefanescu, **Oxidative stress in depressed and mild cognitive impaired patients: Relevance for Alzheimer's disease**, *Alzheimer's and Dementia*, Volume 6, Issue 4, Supplement 1, July 2010, Page S355.

Rezumat in cadrul volumelor unor conferinte internationale:

1. A. Ciobica¹, M. Padurariu², L. Hritcu, THE EFFECTS OF SHORT-TERM NICOTINE ADMINISTRATION ON BEHAVIORAL AND OXIDATIVE STRESS DEFICIENCIES INDUCED IN A RAT MODEL OF PARKINSON'S DISEASE, EP5, XX World Congress on Parkinson's Disease and Related Disorders, Geneva, Switzerland, 8-11 December, 2013.
2. M. Padurariu, L. Hritcu, **R. Lefter**, A. Ciobica., The effects of pergolide on memory and oxidative stress in a rat model of Parkinson's disease, Poster EP5, XX World Congress on Parkinson's Disease and Related Disorders, Geneva, Switzerland, 8-11 December, 2013.
3. Ciobica A, The relevance of some animal models of neuropsychiatric disorders for magnesium studies, Magnesium in Translational Medicine, 11-15 May 2014, Smolenice, Slovak Republic.
4. Ciobica A, Angiotensin-(1-7) central administration induces anxiolytic-like effects in elevated plus maze and decreased oxidative stress in the amygdala, The Society for Neuroscience 2013 Conference, November 9-13, San Diego, California.
5. Alin Ciobica, Manuela Padurariu, Cristinel Stefanescu. The relevance of oxidative stress status in first episode and recurrent depression, P 005, Poster Session P-02, 11th World Congress of Biological Psychiatry, 23 - 27 June 2013, Kyoto, Japan.
6. Alin Ciobica, Walther Bild, Veronica Bild, THE EFFECTS OF CENTRAL ANGIOTENSIN II AND ITS SPECIFIC BLOCKERS ON NOCICEPTION. POSSIBLE INTERACTIONS WITH OXIDATIVE STRESS STATUS, PW 274, 14th World Congress on Pain, Milano, 27-31 August 2012.
7. Ciobica A., Joacabine C., Padurariu M., Mitu F. The association between body mass index, cholesterol levels and brachial/aortic augmentation index versus the cognitive status in patients with cardiovascular risk factors, 7th International Symposium on NEUROPROTECTION AND NEUROREPAIR May 2-5, 2012 Potsdam Germany.
8. A. Ciobica, L. Hritcu, M. Padurariu, R. Lefter, D. Cojocaru, EFFECTS OF SHORT-TERM NICOTINE ADMINISTRATION ON BEHAVIORAL AND OXIDATIVE STRESS DEFICIENCIES INDUCED BY A RAT MODEL OF PARKINSON'S DISEASE, 8th FENS Forum of Neuroscience - Barcelona July 14-18, 2012, poster number 62.22- C189 – 3475.

9. M. Padurariu, A. Ciobica, A. Cantemir, R. Lefter, D. Cojocaru, **BIOMARKERS OF OXIDATIVE STRESS IN PATIENTS WITH PROGRESSIVE COGNITIVE IMPAIRMENT AND DEPRESSION**, 8th FENS Forum of Neuroscience - Barcelona July 14-18, 2012, poster number 85.07, C143 – 3504.
10. A. Ciobica, L. Hritcu, V. Bild, M. Padurariu & W. Bild, **Effects of angiotensin II receptor antagonists on anxiety and some oxidative stress markers in rat**, poster D362, 8th IBRO (International Brain Research Organization) World Congress of Neuroscience, Florence, Italy, July 14-18, 2011.
1. Manuela Padurariu, Alin Ciobica, Cristinel Stefanescu, Romeo Dobrin, **Oxidative stress in mild cognitive impairment, a signal for Alzheimer disease?**, poster CLI-A08, SiNAPSA Neuroscience Conference '11 (SNC'11), 21.Sepembrie.2011 – 25.Sepembrie 2011, Ljubljana Slovenia.
2. M. Padurariu, I. Dobrin, C. Stefanescu, A. Ciobica, R.P. Dobrin, **Oxidative stress status in schizophrenic patients treated with typical versus atypical antipsychotics**, 23rd ECNP Congress in Amsterdam, 28 August - 1 September 2010, P.3.c.059.
3. A. Ciobica, L. Hritcu, I. Haulica, R. Popescu, V. Bild, **The involvement of oxidative stress in some cognitive effects of angiotensin II and angiotensin 1-7 in rats**, 23rd ECNP Congress in Amsterdam, 28 August - 1 September 2010, P.1.d.025.
4. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, Z. Olteanu, **Nicotine ameliorates behavioural deficits and oxidative stress in a 6-hydroxydopamine rat model of Parkinson's disease**, 23rd ECNP Congress in Amsterdam, 28 August - 1 September 2010, P.1.d.026.
5. R. Vitalaru, M. Padurariu, A. Cantemir, A. Ciobica, C. Stefanescu, **Implications of oxidative stress in patients with depressive disorder and insomnia**, 23rd ECNP Congress in Amsterdam, 28 August - 1 September 2010, P.2.g.011.
6. Ciobica A, Hritcu L, Padurariu M, Bild V, Stoica B., **Pergolide attenuates memory impairment and oxidative stress induced by a 6-hydroxydopamine model of Parkinson's disease**, XVIIth International Congress of Neuropathology (ICN 2010), Salzburg, Austria, September 11 - 15, 2010, Po5-15, p. 50.
7. Alin Ciobica, Manuela Padurariu, Stefanescu C, Dobrin R, **Changes of some oxidative stress markers in the serum of patients with mild cognitive impairment and Alzheimer's disease**, XVIIth International Congress of Neuropathology (ICN 2010), Salzburg, Austria, September 11 - 15, 2010, Po3-18, p. 22.
8. Ciobica A., Bild W., Hritcu L., Popescu R., Haulica I., **Comparative effects of central angiotensin II and angiotensin 1-7 in modulating cognitive processes and oxidative stress in rats**, Fens Forum, 3-7 July, Amsterdam, vol.5, A. 115.26.
9. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, **Protective effects of pergolide in a 6-hydroxydopamine model of Parkinson's disease**, 20th

- Meeting of the European Neurological Society, 19 – 23 June 2010, Berlin, P 194, p. 75.
10. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **Nicotine attenuates memory impairment and oxidative stress in 6-hydroxydopamine model of Parkinson's disease**, 20th Meeting of the European Neurological Society, 19 – 23 June 2010, Berlin, P 195, p. 75.
 11. A. Ciobica, W. Bild, R. Popescu, L. Hritcu, I. Haulica, **Central angiotensin peptides: pre-clinical findings and possible implications for dementia treatment**, 20th Meeting of the European Neurological Society, 19 – 23 June 2010, Berlin, P 431, p. 99.
 12. M. Padurariu, R.I. Ciubotariu, C. Stefanescu, A. Ciobica, A. Cantemir, **The impact of oxidative stress in patients with depression and mild cognitive impairment**, 20th Meeting of the European Neurological Society, 19 – 23 June 2010, Berlin, P 497, p. 106.
 13. M. Padurariu, C. Stefanescu, **A. Ciobica**, B. Stoica, **The importance of oxidative stress in dementia progression**, XVIII WFN World Congress on Parkinson's Disease and Related Disorders, 13-16 December, Miami, P. 1.140, p 19. (2,5 puncte).
 14. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **A possible correlation between memory and neuronal oxidative stress status in a 6-OHDA model of Parkinson's disease**, XVIII WFN World Congress on Parkinson's Disease and Related Disorders, 13-16 December, Miami., P. 3.214, p 59. (2 puncte).
 15. **Alin Ciobica**, Walther Bild, Lucian Hritcu, Ioan Haulica. **The importance of angiotensin II in mediating cognitive processes and neuronal oxidative stress status**, 2009, *Frontiers in Behavioral Neuroscience*. Conference Abstract: 41st European Brain and Behaviour Society Meeting. doi: 10.3389/conf.neuro.08.2009.09.117. (2,5 puncte).
 16. Manuela Padurariu, Cristinel Stefanescu, **Alin Ciobica**, Roxana Branzei. **Oxidative stress – an important marker in Mild Cognitive Impairment and Alzheimer disease**, 2009, *Frontiers in Behavioral Neuroscience*. Conference Abstract: 41st European Brain and Behaviour Society Meeting. doi: 10.3389/conf.neuro.08.2009.09.250. (2,5 puncte).
 17. Padurariu M., Stefanescu C., **Ciobica A.**, Hritcu L., Stoica B. **Oxidative Damage in Mild Cognitive Impairment and Alzheimer Disease**, XIV European Conference on Developmental Psychology”, 18-22 August 2009, Vilnius, Lithuania, P 2.20.72, p. 58. (2 puncte).
 18. **Ciobica A.**, Hritcu L., Artenie V., Padurariu M., Bild W. **The Implication of Oxidative Stress in a Rat Model of Parkinson's Disease**, XIV European Conference on Developmental Psychology”, 18-22 August 2009, Vilnius, Lithuania, P. 2.21.54, p. 58. (2 puncte).
 19. Manuela Padurariu, Cristinel Stefanescu, **Alin Ciobica**. **The role of oxidative stress in Mild Cognitive Impairment and Alzheimer disease**, 9th World Congress of Biological Psychiatry”, 28-2 July 2009, Paris, France, P 24-013, p. 95. (3,3 puncte).

20. **Ciobica Alin**, Lucian Hritcu, Vlad Artenie, Padurariu Manuela, Walther Bild. **The implication of oxidative stress in a rat model of Parkinson's disease**, 9th World Congress of Biological Psychiatry", 28-2 July 2009, Paris, France, P-05-006, p. 46. (2 puncte).
21. **A. Ciobica**, W. Bild, L. Hritcu, V. Artenie, I. Haulica, **The importance of oxidative stress in angiotensin II- mediated effects on cognitive functions**, Joint Meeting of the European Neuropeptide Club and the Summer Neuropeptide Conference, Salzburg, July 20 -23, 2009, p 37, 62. (2 puncte).
22. M. Padurariu, C. Stefanescu, R. Branzei, **A. Ciobica**, B. Stoica, **Oxidative stress in patients with mild cognitive impairment and depression: a possible factor for increasing the risk of developing dementia?**, 19th Meeting of the European Neurological Society", 20-24 June 2009, Milano, Italy, P 193, p. 81. (2 puncte).
23. C. Stefanescu, M. Padurariu, R. Branzei, **A. Ciobica**, L. Hritcu, **Oxidative stress in mild cognitive impairment – A signal for Alzheimer's disease?**, 19th Meeting of the European Neurological Society", 20-24 June 2009, Milano, Italy, P 194, p. 81. (2 puncte).
24. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **Catecholaminergic antagonists infusion into the rat intraventricular area cause severe oxidative stress – Relevance for cognitive processes**, 19th Meeting of the European Neurological Society", 20-24 June 2009, Milano, Italy, P 532, p. 116. (2 puncte).
25. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **Nicotine improves 6-OHDA induced impairment of memory and food reward in nucleus accumbens**, 19th Meeting of the European Neurological Society", 20-24 June 2009, Milano, Italy, P 533, p. 116. (2 puncte).
26. **A. Ciobica**, W. Bild, I. Haulica, L. Hritcu, O. Arcan, **Effects of angiotensin II, its receptor antagonists and captopril on cognitive functions and oxidative stress in rats**, 19th Meeting of the European Neurological Society", 20-24 June 2009, Milano, Italy, P 554, p. 118. (2 puncte).
27. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, B. Stoica, **Effects of paraventricular nucleus lesion on cognitive functions and oxidative stress**, 19th Meeting of the European Neurological Society", 20-24 June 2009, Milano, Italy, P 555, p. 118. (2 puncte).
28. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu, W. Bild, **The cholinergic-catecholaminergic interaction in rat: cognitive processes and oxidative stress**, 19th Meeting of the European Neurological Society", 20-24 June 2009, Milano, Italy, P 556, p 118. (2 puncte).
29. **A. Ciobica**, L. Hritcu, V. Artenie, M. Padurariu. **The implication of oxidative stress in a rat model of Parkinson's disease**. 8th International Meeting for brain energy metabolism – Neurodegeneration and regeneration, June 27th-July 1st 2008, Beijing, China, P02-01-07, p. 82. (2,5 puncte).
30. L. Hritcu, **A. Ciobica**, V. Artenie. **Changes in the activity of the antioxidant enzymes in 6-hydroxydopamine-induced rat model of Parkinson's disease**. First European Synapse Meeting, Bordeaux, France, March 26th-28th, 2008, p 13. (3,3 puncte).

31. L. Hritcu, A. Ciobica, M. Stefan. **The role of the ganglionic blocker chlorisondamine in mediating stress - inducing immune responsiveness in rats.** International Neuroimmunology Symposium March 13th and 14th 2008, University College of Dublin UCD, Ireland, p.45. (3,3 puncte).
32. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu. **The implication of oxidative stress in a rat model of Parkinson's disease.** Cations in Physiological Signalling, Young Physiologist Symposium, The University of Manchester, UK, 2008, p.15. (2,5 puncte).
33. Ciobica, A., Hritcu, L., Artenie, V., Padurariu, M. **Exposure to a low dose of nicotine causes severe oxidative stress.** 5th International Symposium on Neuroprotection and Neurorepair Cerebral Ischemia and Stroke May 17-20, 2008 Magdeburg, Germany, p.12. (2,5 puncte).
34. Ciobica, A., Hritcu, L., Artenie, V. **Memory impairment caused by oxidative stress generation in the hippocampus of rats.** FENS Abstr., vol. 4, 024.17, 2008. (3,3 puncte).
35. Padurariu M., Hritcu L., Ciobica A., Artenie V. **The oxidative stress status in a rat model of Parkinson's disease,** FENS Abstr., vol. 4, 128.45, 2008. (2,5 puncte).
36. Gurzu, C., Artenie, V., Hritcu, L., Ciobica, A. **Prenatal testosterone improves the spatial learning and memory by protein synthesis in different lobes of the brain in the male and female rat.** FENS Abstr., vol. 4, 128.10, 2008. (2,5 puncte).
37. A. Ciobica, L. Hritcu, V. Artenie, M. Padurariu. **Some aspects concerning the interaction between the cholinergic and noradrenergic systems in learning and memory processes in rats.** 13th EMN Annual Meeting, Heidelberg, May 22-24, 2008, p. 55. (2,5 puncte).
38. L. Hritcu, A. Ciobica, V. Artenie, M. Padurariu. **Changes in the activity of the antioxidant enzymes in 6-hydroxydopamine-induced rat model of Parkinson's disease.** 13th EMN Annual Meeting, Heidelberg, May 22-24, 2008, p. 56. (2,5 puncte).
39. L. Hritcu, A. Ciobica, V. Artenie, M. Padurariu. **Cognitive disorders in 6-hydroxydopamine-induced rat model of Parkinson's disease.** 13th EMN Annual Meeting, Heidelberg, May 22-24, 2008, p. 58. (2,5 puncte).
40. L. Hritcu, A. Ciobica, V. Artenie, M. Padurariu. **Oxidative stress damage of hippocampus induced memory impairment in rats.** 13th EMN Annual Meeting, Heidelberg, May 22-24, 2008, p. 60. (2,5 puncte).
41. A. Ciobica, L.Hritcu, V.Artenie, M. Padurariu. **The acetylcholine-catecholamine balance: Interaction between the learning and memory deficits and oxidative stress.** Adult Neurogenesis Symposium, Dresden, Germany, 2007, p.12, Abcam copyright. (2,5 puncte).
42. A. Ciobica, L.Hritcu, V.Artenie. **Changes in the activity of the antioxidant enzymes in 6-hydroxydopamine-induced rat model of Parkinson's disease.** Fifth International Congress on Vascular Dementia, Budapest, 2007, p.89. (3,3 puncte).
43. Lucian Hritcu, Vlad Artenie, Alin Ciobica, Manuela Padurariu. **Some biochemical and behavioral aspects induced by the cholinergic-**

dopaminergic systems interactions in cognitive processes in rats. SiNAPSA Neuroscience Conference 2007, Slovenia, p.84, ISBN 978-961-91704-2-7.

In volumele unor conferinte nationale:

1. Ciobica A, Bild W, **First-time reported anxiolytic effect of angiotensin-(1-7): the possible relevance of lower oxidative stress in amygdala**, New Facets of Function and Dysfunction”, Iasi, Romania, May 9-10, 2013.
2. Irina Dobrin, Lucian Hritcu, Alin Ciobîca, Romeo Dobrin, **Spatial memory deficits induced by systemic lipopolysaccharide administration**, SESIUNEA STIINTIFICA „INTERACTIUNI MOLECULARE ÎN LUMEA VIE, 15-16 octombrie 2010, Iasi, România.
3. Irina Dobrin, Alin Ciobîca, Manuela Padurariu, Bogdan Stoica, Cristinel Stefanescu, Roxana Chirita, **Comparison between the effects of typical and atypical antipsychotics on oxidative stress status in schizophrenic patients**, SESIUNEA STIINTIFICA „INTERACTIUNI MOLECULARE ÎN LUMEA VIE, 15-16 octombrie 2010, Iasi, România.
4. Marius Mihasan, Lucian Hritcu, Vlad Artenie, **Alin Ciobica**, Marius Stefan, Lucian Gorgan, **Lipopolizahadirele bacteriene intensifică reactivitatea imunologică a șobolanilor**, Sesiunea Stiintifică- Biologia în Anul omagial Darwin, Iasi, 6-8 noiembrie 2009, p. 7. (1,66 puncte).
5. L.Hritcu, **A. Ciobica**, M.Stefan. **Selective changes of hematological parameters after chronic bacterial lipopolisaccharide exposure in a rodent model of Parkinson’s disease**. 5th “Gheoghe Marinescu” Symposium of the National Neuroscience Society of Romania with international participation, Bucharest, October 1-3, 2009, p. 44, ISBN 978-973-708-430-9. (3,33 puncte).
6. Lucian Hritcu, **Alin Ciobica**, Lucian Gorgan. **Nicotine – induced memory impairment by increasing brain oxidative stress**. 5th “Gheoghe Marinescu” Symposium of the National Neuroscience Society of Romania with international participation, Bucharest, October 1-3, 2009, p. 21, ISBN 978-973-708-430-9 (**3rd prize – IBRO sponsored session – oral presentation**) (3,33 puncte).
7. Padurariu Manuela, **Ciobica Alin**, Lucian Hritcu, Vlad Artenie. **Effects of low-dose nicotine on neuronal oxidative stress status**. Congressis 2008, The 5th International Congress for Medical Students and Young Doctors, 3rd-6th of April, 2008, Iasi, Romania, pp. 21-22. (2,5 puncte).
8. Padurariu Manuela, **Ciobica Alin**, Lucian Hritcu, Vlad Artenie. **Learning and memory disorders in 6-hydroxydopamine-induced rat model of Parkinson disease**. Congressis 2008, The 5th International Congress for Medical Students and Young Doctors, 3rd-6th of April, 2008, Iasi, Romania, pp. 26. (2,5 puncte).
9. Padurariu Manuela, Lucian Hritcu, **Ciobica Alin**, Vlad Artenie. **The acetylcholine-catecholamine balance. The interaction between the learning and memory deficits and oxidative stress**. Congressis 2008, The 5th

- International Congress for Medical Students and Young Doctors, 3rd-6th of April, 2008, Iasi, Romania, pp. 36 (special prize – Fundamental science). (2,5 puncte).
10. Padurariu Manuela, **Ciobica Alin**, Lucian Hritcu, Vlad Artenie. **The connection between spatial memory impairment and oxidative stress status in rat hippocampus.** Congressis 2008, The 5th International Congress for Medical Students and Young Doctors, 3rd-6th of April, 2008, Iasi, Romania, pp. 38. (2,5 puncte).
 11. Padurariu Manuela, **Ciobica Alin**, Lucian Hritcu, Vlad Artenie. **The implication of oxidative stress in a rat model of Parkinson disease.** Congressis 2008, The 5th International Congress for Medical Students and Young Doctors, 3rd-6th of April, 2008, Iasi, Romania, pp. 41. (2,5 puncte).
 12. Padurariu Manuela, Lucian Hritcu, **Ciobica Alin**, Vlad Artenie. **The role of the ganglionic blocker chlorisondamine in mediating stress - inducing immune responsiveness in rats.** Congressis 2008, The 5th International Congress for Medical Students and Young Doctors, 3rd-6th of April, 2008, Iasi, Romania, pp. 44. (2,5 puncte).
 13. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie, Manuela Padurariu. **Efectele 6-OHDA asupra unor procese cognitive si a stresului oxidativ, in cadrul unui model experimental de boala Parkinson.** Al IV-lea Simpozion al Societatii Nationale de Neurostiinte, Bucuresti, 30-31 mai 2008, ISBN: 978-973-708-323-4, pp. 16. (2,5 puncte).
 14. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie, Manuela Padurariu. **Efectele administrarii unei doze scazute de nicotina asupra stresului oxidativ la sobolan.** Al IV-lea Simpozion al Societatii Nationale de Neurostiinte, Bucuresti, 30-31 mai 2008, ISBN: 978-973-708-323-4, pp. 35. (2,5 puncte).
 15. Lucian Hritcu, **Alin Ciobica**, Vlad Artenie, Manuela Padurariu. **Implicarea stresului oxidativ de la nivelul hipocampului in unele deficiente cognitive la sobolan.** Al IV-lea Simpozion al Societatii Nationale de Neurostiinte, Bucuresti, 30-31 mai 2008, ISBN: 978-973-708-323-4, pp. 39. (2,5 puncte).
 16. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie, Manuela Padurariu. **Effects of a low dose of nicotine on neuronal oxidative stress status.** The Annual International Conference of RSBMB, Bucharest, 29 – 31 May 2008, *Rom. J. Biochem.*, 45, I., 4. (2,5 puncte).
 17. **Alin Ciobica**, Lucian Hritcu, Vlad Artenie, Manuela Padurariu. **The implication of oxidative stress i a rat model of Parkinson disease.** The Annual International Conference of RSBMB, Bucharest, 29 – 31 May 2008, *Rom. J. Biochem.*, 45, I., 5. (2,5 puncte).
 18. Lucian Hritcu, **Alin Ciobica**, Vlad Artenie, Manuela Padurariu. **The conection between spatial memory impairment and oxidative stress status in rat hippocampus.** The Annual International Conference of RSBMB, Bucharest, 29 – 31 May 2008, *Rom. J. Biochem.*, 45, I., 18. (2,5 puncte).
 19. **A. Ciobica**, L. Hritcu, Manuela Padurariu, Monica Clicinschi. **Modificari biochimice induse de interactiunea sistemelor colinergic-noradrenergic asupra proceselor de invatare si memorie la sobolan.** Simpozionul Gheorghe Marinescu al Societatii de Neurostiinte, 2007, p. 44, ISBN 978-073-708-240-4. (2,5 puncte).

20. L. Hritcu, **A. Ciobica**, Manuela Padurariu, Monica Clicinschi. **Modificari biochimice si comportamentale induse de interactiunea sistemelor colinergic-dopaminergic asupra proceselor de invatare si memorie la sobolan.** Simpozionul Gheorghe Marinescu al Societatii de Neurostiinte, 2007, p. 49, ISBN 978-073-708-240-4. (2,5 puncte).
21. Cristian Gurzu, Vlad Artenie, Lucian Hritcu, **Alin Ciobica**. **Administrarea prenatala a testosteronului si progesteronului sporeste performantele cognitive in invatare si memorie prin stimularea sintezei de proteine in structurile limbice ale lobului temporal.** Simpozionul Gheorghe Marinescu al Societatii de Neurostiinte, 2007, p. 15, ISBN 978-073-708-240-4. (2,5 puncte).
22. Manuela Padurariu, **Alin Ciobica**, Lucian Hritcu. **The role of cholinergic-noradrenergic interactions in learning and memory processes in rats.** The 4th International Congress for Medical Students and Young Doctors (29.03-1.04 2007, Iasi). (3,3 puncte).
23. Manuela Padurariu, **Alin Ciobica**, **The cholinergic neurotransmission and the biomedical implications in the cognitive processes**, The 4th International Congress for Medical Students and Young Doctors (29.03-1.04 2007, Iasi)..
24. Hritcu L, **Ciobica A.**, Artenie V., Maniu C. **The role of cholinergic-noradrenergic interactions in the mediation of the cognitive behavior of rats.** The Second International Conference of the National Neuroscience Society of Romania; Neuronal excitability: from molecular level to system, 2006, p. 57, ISBN [10]: 973-708-153-6, ISBN [13]: 978-973-708-153-7.

23.07.2014

Ciobica Alin