

ПЪЛЕН СПИСЪК ПУБЛИКАЦИИ

I. АВТОРЕФЕРАТ И ПУБЛИКАЦИИ, СВЪРЗАНИ С ДИСЕРТАЦИЯТА ЗА НАУЧНА И ОБРАЗОВАТЕЛНА СТЕПЕН „ДОКТОР”

Автореферат: “Влияние на L- и D-киоторфин върху стрес-индуцирана аналгезия и плазмените нива на адренокортиcotропен хормон и кортикостерон след стрес - участие на опиоидергична и азотноокисна система”, София, 2009г.

1. Dzambazova-Maximova E., A. Bocheva, Hr. Nocheva. Is kyotorphin an antiopioid peptide? **Bulg. Chem. Commun.**, 38(1):36-41, 2006.
2. Djambazova E. B., H. H. Nocheva, A. I. Bocheva. Effects of kyotorphin and D-kyotorphin on cold stress-induced analgesia in rats. **Coll Symp Ser.**, 9:37-39, 2007.
3. **Dzambazova E.**, Bocheva A., Landzhov B., Bozhilova-Pastirova A. Effects of kyotorphin on NADPH-d reactive neurons in rats after cold stress. **Compt Rend Acad Bulg Sci.**, 61(5):661-666, 2008. **IF = 0.152**
4. Dzambazova E, A. Bocheva. Is Leu-Arg influences the effects of kyotorphin and D-kyotorphin after two models of stress-induced analgesia? **Trakia Journal of Sciences**, 6(2), Suppl. 1:94-97, 2008.
5. **Dzambazova E.B.**, Bocheva A.I, Nikolova V. P. Involvement of endogenous nitric oxide in the effects of kyotorphin and its synthetic analogue on immobilization and cold stress-induced analgesia. **Bulg. Chem. Commun.**, 41(2), 116-121, 2009.

II. ПУБЛИКАЦИИ ИЗВЪН ДИСЕРТАЦИЯТА

6. Rakovska, A., J. P. Kiss, P. Raichev, M. Lazarova, R. Kalfin, **E. Djambazova**. The non-competitive AMPA receptor antagonist /GYKI 52466/ blocks quisqualate – induced acetylcholine release from the rat hippocampus and striatum: an in vivo microdialysis study. **Neurochem Int.**, 40(5):419-26, 2002. **IF=3.04**

7. Bocheva, A., **E. Dzambazova-Maximova**, T. Pajpanova. Is nitric oxide involved in the antinociceptive effects of kyotorphin, Tyr-Cav and MIF's analogues in rats? **Coll. Symp. Ser.**, 6, 1-3, 2003.
8. **Dzambazova-Maximova**, E., A. Bocheva, S. Todorov. Analgesic action of kyotorphin and its canavanine analogues in rats: role of histamine- and nitric oxideergic systems. **Compt. Rend. Bulg. Acad. Sci.**, 56(8), 75-80, 2003.
9. Bocheva, A., **E. Dzambazova-Maximova**, J. Vaglenova. Effects of MIF-1 on the nociception in rats with fetal alcohol Syndrome (FAS). **Bulg. Med.**, XI(6), 6-7, 2003.
10. Bocheva, A., **E. Dzambazova-Maximova**, E. Golovinsky. Effects of MIF-1 and analogs MIF-Cav, MIF-Lys, MIF-Nle on the nociception and pentylenetetrazol seizures. **Bulg. Med.**, XI (6), 8-10, 2003.
11. Bocheva, A., T. Pajpanova, **E. Dzambazova-Maximova**, V.V. Petkov, J. Vaglenova. Behavioral effects of MIF-1 in rats with fetal alcohol syndrome (FAS). **Compt. Rend. Bulg. Acad. Sci.**, 57(5), 63-66, 2004.
12. Bocheva, A., **E. Dzambazova-Maximova**. Influence of Melanocyte-inhibiting factor (MIF-1) on analgesic effects of amino acids L-arginine, L-ornithine and L-citrulline in rats. **Compt. Rend. Bulg. Acad. Sci.**, 57(1), 103-108, 2004.
13. Bocheva A., **E. Dzambazova-Maximova**, T. Pajpanova. Involvement of NO in the antinociceptive effects of Tyr-MIF-1 family of peptides in rats. **Peptides, Proceedings of the 3rd International and 28th European Peptide Symposium**, M. Flegel, M. Fridkin, C. Gilon, J. Slaninova (Editors), 796-797, 2004.
14. Bocheva, A., **E. Dzambazova-Maximova**, N. Lambadjieva. Interaction between peptides of Tyr-MIF-1 family, morphine and nitric oxide in nociception. **Compt. Rend. Bulg. Acad. Sci.**, 57(3), 97-102, 2004.
15. Bocheva, A., **E. Dzambazova-Maximova**. Effects of kyotorphin and analogues on nociception and pentylenetetrazole seizures. **Folia Medica**, 46(1), 40-4, 2004.
16. Bocheva, A., **E. Dzambazova-Maximova**. Effects of Tyr-MIF's of peptides on immobilization stress-induced antinociception in rats. **Folia Medica**, 46(2), 42-6, 2004.
17. Bocheva, A., **E. Dzambazova-Maximova**. Antiopioid properties of the Tyr-MIF-1 family. **Meth. Find. Clin. Exp. Pharmacol.**, 26(9), 673-677, 2004. **IF=0.613**

18. Bocheva, A., **Dzambazova-Maximova** E., Pajpanova T. Effects of melanocyte-inhibiting factor (MIF-1) on analgesic effects of amino acids L-arginine, L-ornithine and L-citrulline in rats. **Coll. Symp. Ser.**, 8, 7-9, 2005.
19. Bocheva A., **Dzambazova-Maximova** E., Hadjiolova R., Tzvetkova M., Yaneva D., Bijev A. Anti-inflammatory effects of some newly synthesized pyrrole derivates in rats. **Compt. Rend. Bulg. Acad. Sci.**, 58(12), 1467-1472, 2005.
20. **Dzambazova-Maximova**, E., A. Bocheva, S. Todorov. The role of H₁ – receptors in the analgesic action of kyotorphin and its canavanine analogues in rats. **Godishnik na Sofiiskiya Universitet "Sv. Kliment Okhridski"**, Biologicheski Fakultet, Kniga 3: Biokhimiya, Biofizika, Molekulyarnaya Biologiya i Genetika, Mikrobiologiya i Fiziobiologiya, Publisher: Universitetsko Izdatelstvo "Sv. Kliment Okhridski". 96(Pt. 1), 283-289, 2005.
21. Bocheva A., **Dzambazova-Maximova** E., Hadjiolova R., Tzvetkova M., Yaneva D., Bijev A. Analgesic effects of some newly synthesized pyrrole derivates in rats. **Compt. Rend. Bulg. Acad. Sci.**, 59(1), 99-104, 2006.
22. Bocheva, A., **Dzambazova-Maximova** E., Dzimbova T., Pajpanova T., Golovinsky E. Analgesic action of norsulfoarginine kyotorphin analogues in rats. **Compt. Rend. Bulg. Acad. Sci.**, 59(2), 219-222, 2006.
23. Bocheva, A., **Dzambazova-Maximova** E., Pajpanova T. Influence of L-canavanine and D-arginine on analgesic effects of amino acids L-arginine, L-ornithine and L-citrulline in rats. **Bulg. Chem. Commun.**, 38(1), 41-44, 2006.
24. Bocheva A.I., **E.B. Djambazova**, H.H. Nocheva. Effects of Tyr-W-MIF-1 on the opioidergic system and methylene blue after stress. **European Neuropsychopharmacology**, 17, Supl 3, s149-150, 2007. **IF= 4.430**
25. Bocheva A.I., H.H. Nocheva, **E.B. Djambazova**. Effects of Tyr-W-MIF-1 on nociception after stress: influence on nitric oxide-ergic system. **European Neuropsychopharmacology**, 17, Supl 3, s150-151, 2007. **IF = 4.430**
26. **Dzambazova** E., H. Nocheva, A. Bocheva. Effects of MIF-1 and Tyr-MIF-1's analogues containing non-protein amino acids and sinapic acid: involvement of opioidergic system. **Bulg. Med. J.**, 1 (2), 36-41, 2007.
27. Bocheva A., **E. Dzambazova**, T. Pajpanova. Influence of D-Arginine, L-Canavanine

- and endogenous nitric oxide on the analgesic activity of amino acids from urea cycle. **5th Hellenic Forum on Bioactive Peptides**, Ed. Paul Cordopatis, Evy Manessi-Zoupa, george Pairas, TYPORAMA, Greece, 363-367, 2007.
28. Bocheva A., **E. Dzambazova**. MIF-1 and Tyr-MIF-1 neuropeptides modulate stress-induced analgesia. **5th Hellenic Forum on Bioactive Peptides**, Ed. Paul Cordopatis, Evy Manessi-Zoupa, george Pairas, TYPORAMA, Greece, 369-373, 2007.
29. Bocheva A., **E. Dzambazova**, H. Nocheva. Analgesic effects of some newly synthesized Tyr-MIF-1's analogues and involvement of opioidergic system. **Bulg. Med. J.**, 1(3), 36-40, 2007.
30. Bocheva A., **E. Dzambazova**. Involvement of α_2 -adrenergic agents in the effects of Tyr-W-MIF-1 and Tyr-K-MIF-1 after three models of stress. **Compt. Rend. Bulg. Acad. Sci.**, 61(1), 147-154, 2008. **IF=0.152**
31. Bocheva A., **E. Dzambazova**. Involvement of endogenous nitric oxide in the effects of Tyr-W-MIF-1 and Tyr-K-MIF-1 after three models of stress. **Compt Rend Acad Bulg Sci**, 61(2), 261-268, 2008. **IF=0.152**
32. Bocheva A., **E. Dzambazova**. Antioxidant activity of MIF-1 and Tyr-MIF-1 after three models of stress. **Bulg Med J**, 2 (1), 44-48, 2008.
33. Bocheva A., **Dzambazova E.**, Landzhov B., Bozhilova-Pastirova A. Influnce of Tyr-W-MIF-1 and Tyr-K-MIF-1 on nitric oxide synthase and tyrosine hydroxylase expression in periaqueductal gray after three stress models in rats. **Compt Rend Acad Bulg Sci**, 61 (4), 535-542, 2008. **IF=0.152**
34. Bocheva A., **E. Dzambazova**, Nikolov R., Yakimova K. Immobilization, cold and hot stress models – changes in nociception and core temperature in rats: a comparative study. **Compt Rend Acad Bulg Sci**, 61(5), 667-672, 2008. **IF=0.152**
35. Bocheva A., **Dzambazova E**, Hadjiolova R, Traikov L, Mincheva R, Bivolarski I. Effect of Tyr-MIF-1 peptides on blood ACTH and corticosterone concentration induced by three experimental models of stress. **Auton Autacoid Pharmacol.**, 28(4), 117-23, 2008.
36. **Dzambazova E.**, H. Nocheva, A. Bocheva. Analgesic effects of some newly synthesized nociceptin analogues in rats. **Pharmacy**, 55 (1-4), 30-34, 2008.
37. Stavreva G., Bocheva A., Lakova E., **Dzambazova E.**, Marev R. Modulating Effect of [Cys(O2NH2)2]-Leu-Enkephalin on cold stress-induced analgesia in rats. **Trakia**

- Journal of Sciences**, 6(2), Suppl. 1, 90-93, 2008.
38. Bocheva A. I., **E. B. Dzambazova**. Opioidergic system and second messengers affected the nociceptive effects of Tyr-MIF-1's after three models of stress. **Bulg. Chem. Commun.**, 41(2), 153-159, 2009.
39. Traikov L., K. Georgiev, A. Bocheva, **E. Dzambazova**, M. Markov. Static magnetic field action on some markers of inflammation in animal model system - in vivo. **The Environmentalist**, 29 (2), 225-231, 2009.
40. Bocheva A., **Dzambazova E.**, Landzhov B., Bozhilova-Pastirova A. Influnce of MIF-1 and Tyr-MIF-1 on tyrosine hydroxylase expression in periaqueductal gray after immobilization, cold and heat stress models in rats. **Coll Symp Ser**, 11, 16-18, 2009.
41. **Dzambazova E.**, Bocheva A., Landzhov B., Bozhilova-Pastirova A. Stress-induced nitric oxide activity in rat's paraventricular nucleus was affected by kyotorphin and its synthetic analogue. **Coll Symp Ser**, 11, 28-30, 2009.
42. Hadjiolova R., **E. Dzhambazova**, H. Nocheva, A. Bocheva. Effects of newly synthesized Tyr-MIF-1 analogues in normal conditions and after three models of stress. **Sci Res J SWU**, 2(1), 31-36, 2009.
43. Bocheva A., **E. Dzhambazova**. Antiopioid peptides and pain. **Sci Res J SWU**, 2(2), 33-41, 2009. Review
44. Landzhov B., **E. Dzhambazova**, A. Bozhilova-Pastirova, A. Bocheva, W. Ovtcharoff. Degenerative cartilage changes in humans with gonarthrosis. **Sci Res J SWU**, 2(2), 43-47, 2009.
45. Hadjiolova R. K., **E. B. Dzhambazova**, B. V. Landzhov, A. I. Bocheva, A. B. Bozhilova-Pastirova. Influnce of newly synthesized Tyr-MIF-1's analogues on nitric oxide synthase and tyrosine hydroxylase expression in rat's periaqueductal gray after immobilization stress. **J Biomed Clin Res**, 2(2), 77-81, 2010.
46. **Dzhambazova E.**, A. Bocheva. The unique brain dipeptide kyotorphin – from discovery to nowadays. **J Biomed Clin Res**, 3(1), 3-11, 2010. Review
47. Naydenova E., P. Todorov, N. Pavlov, **E. Dzhambazova**, A. Bocheva. N/OFQ(1-13)NH₂ Analogues with aminophosphonate moiety: synthesis and analgesic activity. **Peptides, Proceedings of the 31st European Peptide Symposium**, 486-7, 2010.

48. **Dzhambazova E.**, Landzhov B., A. Bocheva, A. Bozhilova-Pastirova. Effects of D-kytorphin on nociception and NADPH-d neurons in rat's periaqueductal gray after immobilization stress. **Amino acids**, 41(4):937-44, 2011. **IF= 3.248**
49. Landzhov B., **Dzambazova E.**, Bocheva A. Effect of Tyr-Arg on NADPH-d-reactivity neurons in rat's striatum. **Coll Symp Ser**, 13, 31-33, 2011.
50. Landzhov B., Bocheva A., **Dzambazova E.** Expression of nitric oxide in neurons of rat's caudate putamen caused by D-kytorphin. A histochemical study. **Coll Symp Ser**, 13, 77-79, 2011.
51. Bocheva A.I., **Dzhambazova E.B.**, Todorov P. T., Pavlov N.D., Naydenova E.D. Effects of naloxone and JTC-801 on analgesic activity of novel N/OFQ(1-13)NH₂ analogues. **Peptides**, Proceedings of the 22nd American Peptides Symposium, Michal Lebl (Editor), 340-341, 2011.
52. Naydenova E.D., Pavlov N.D., Todorov P. T., **Dzhambazova E.B.**, Bocheva A.I. Analgesic effects of novel hexapeptide analogues as nociceptin receptor ligands. **Peptides**, Proceedings of the 22nd American Peptides Symposium, Michal Lebl (Editor), 356-357, 2011.
53. **Dzhambazova E.**, Bocheva A., Todorov P., Pavlov N., Naydenova E. Nitric oxideergic system involvement in analgesic effects of Nociceptin receptor ligands with aminophosphonates moiety. **Compt. Rend. Bulg. Acad. Sci.**, 64(11), 1615-22, 2011.
IF=0.210
54. **Dzambazova E.**, B. Landzhov, A. Bocheva, A. Bozhilova-Pastirova. Effects of kytorphin on NADPH-d reactive neurons in rat's cerebral cortex after acute immobilization stress. **Compt. Rend. Bulg. Acad. Sci.**, 64(12), 1779-84, 2011.
IF=0.210
55. Landzhov B., L. Malinova, **E. Dzambazova**, W. Ovtscharoff. Comparative morphological and clinical study of intervertebral discs herniation in humans with low back pain in different age. **Compt. Rend. Bulg. Acad. Sci.**, 65(1), 89-94, 2012.
IF=0.210 (2011*)
56. Landzhov B., **E. Dzambazova**, L. Malinova, A. Bocheva, A. Bozhilova-Pastirova. Comparison between effects of two types of stress on nitric oxide active neurons in rat's dlPAG. Histochemical study. **Compt. Rend. Bulg. Acad. Sci.**, 65(4), 555-558, 2012.

IF=0.210 (2011*)

57. Pencheva N., K. Grancharska, A. Bocheva, **E. Dzambazova**, B. Landzhov, L. Malinova, A Bozhilova-Pastirova, W. Ovtcharoff. Immunocytochemical study of CB1 receptors in rat's prefrontal cortex after immobilization stress. **Compt. Rend. Bulg. Acad. Sci.**, 65(7), 1003-1008, 2012. **IF=0.210 (2011*)**
58. *Dzhambazova E.*, F. Ivanova, N. Lambadjieva, V. Nikolov. Effects of cold stress on spontaneous behavior of rats. **Trakia J of Sci**, 10 (Suppl.1), 203-206, 2012.
59. Hadjiolova-Tafradjitska R., **E. Dzambazova**, G. Chergarova. The Role of citrulline-containing compounds (citrulline-malate) from faster recovery of muscle fatigue and exhaustion in athletes. **Journal of Sport Science**, 5, 334-338, 2012.
60. Jlalia I, Lensen N, Chaume G, **Dzhambazova E**, Astasidi L, Hadjiolova R, Bocheva A, Brigaud T. Synthesis of an MIF-1 analogue containing enantiopure (S)- α -trifluoromethyl-proline and biological evaluation on nociception. **Eur J Med Chem**. 2013; 62C:122-129. **IF=3.346 (2012*)**
61. Landzhov B., **E. Dzhambazova**. Alteration in nitric oxide activity in the ventrolateral periaqueductal gray after immobilization stress in rats. **Acta Morphologica et Anthropologica**, 19, 127-130, 2012.
62. Landzhov B., **E. Dzhambazova**, L. Malinova. Correlation between restraint stress procedure and expression of CB1 receptors in the rat's basal nuclei. An immunohistochemical study. **Acta Morphologica et Anthropologica**, 19, 131-134, 2012.

Личен подпис:



/д-р Е. Джамбазова/