

**СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ НА УЧЕНИТЕ ОТ
ИНСТИТУТ ПО НЕВРОБИОЛОГИЯ
през 2014 г.**

Списък на публикациите, които са включени в издания с импакт фактор, IF (WEB of Science) или импакт ранг SJR (Scopus)

- [1] Atanasov V. N., S. S. Stoykova, Y. A. Goranova, A. N. Nedzhib, L. P. Tancheva, Ju. M. Ivanova, I. N. Pantcheva. Preliminary study on *in vivo* toxicity of monensin, salinomycin and their metal complexes, *Bulgarian Chemical Commun.*, 46 (2), 2014, 233-237, **ISSN: 0861-9808 IF=0.32**
- [2] Atanasova D., N. Lazarov: Expression of neurotrophic factors and their receptors in the carotid body of spontaneously hypertensive rats. *Respiratory Physiology & Neurobiology* 202, 2014, 6-15, **ISSN: 1569-9048 IF: 2.05**
- [3] Brand S., Kalak N., Gerber M., Kirov R., Pühse U., Holsboer-Trachsler E. High self-perceived exercise exertion before bedtime is associated with greater objectively assessed sleep efficiency. *Sleep Medicine*, 15 (9), 2014, 1031-1036. **ISSN 1389-9457 IF = 3.487**
- [4] Brand, S., Gerber, M., Kalak, N., Kirov, R., Lemola, S., Clough, P., Pühse, U., Holsboer-Trachsler, E. "Sleep well, our tough heroes!" – In adolescence, greater mental toughness is related to better sleep schedules. *Behavioral Sleep Medicine*, 12 (6), 2014, 444-454. **ISSN 1540-2002 IF = 1.562**
- [5] Brand, S., Gerber, M., Kalak, N., Kirov, R., Lemola, S., Clough, P.J., Pühse, U., Holsboer-Trachsler, E. Adolescents with greater mental toughness show higher sleep efficiency, more deep sleep and fewer awakenings after sleep onset. *The Journal of Adolescent Health*, 54 (1), 2014, 109-113. **ISSN 1054-139X IF = 2.97**
- [6] Bock O, Ilieva M, Grigorova V. Effects of old age and resource demand on double-step adaptation of saccadic eye movements. *Exp Brain Res.*, 232(9), 2014, 2821-2826. **ISSN: 0014-4819 (Print) 1432-1106 (Online). IF = 2.22**
- [7] Borisova, S., Bock, O., and Grigorova, V. Concurrent directional adaptation of reactive saccades and hand movements to target displacements of different size. *Journal of Motor Behavior* 46 (5), 2014, 303 -308. **Print ISSN 0022-2895 Online ISSN 1940-1027. IF = 1.841**
- [8] Christova, Ch., Georgiev, S., D.Philipova, D.Mitov Effect of gratings orientation difference on N1 and P3 components of visual event related potentials at different orientation identification tasks. *Compt. Rend L'Acad Bulg Sci.* 67, 1, 2014, 67-76. **ISSN: 1310-1331 IF = 0.198**
- [9] Dyakova L., Culita D.-C., Marinescu G., Alexandrov M., Kalfin R., Patron L., Alexandrova R. Metal (ZnII, CuII, NiII) complexes of Ursodeoxycholic acid as putative anticancer agent. *Biotechnology & Biotechnological Equipment*, 28(3), 2014, 543-551, **ISSN 1310-2818 (Print), 1314-3530 (Online) IF=0.379**
- [10] Dushanova J & Christov M. The effect of aging on EEG brain oscillations related to sensory and sensorimotor functions, *Advances in Medical Sciences* 59 (1), 2014. 61–67, **ISSN:1896-1126 IF=0.796**

- [11] Ivanova N, Pechlivanova D, Tchekalarova J, Popov D, Markova P, Stoynev Al. Beneficial effects of chronic treatment with losartan on behavioural disturbances in kainate model of temporal lobe epilepsy. *Compt. Rend L'Acad Bulg Sci.*, 67, 12, 2013, 1761-1768. **ISSN: 1310-1331**
IF = 0.198
- [12] Ivanova M, Belcheva S, Belcheva I, Stoyanov ZI, Tashev R. Modulatory effect of VIP injected into hippocampal CA1 area on anxiety in olfactory bulbectomized rats. *Acta Neurobiol Exp.*, 74, 2014, 317–327. **ISSN: 0065-1400**
IF=2.244
- [13] Ilieva G., Tolekova A., Kalfin R., Hadzhibozheva P., Georgiev Ts. Effects of some vasoactive neuropeptides on motor activity of smooth muscle organ's strips from different areas of gastrointestinal system. *Bulgarian Journal of Agricultural Sciences*, 20(1), 2014, 220-226. **ISSN 1310-0351**
IF = 0.140
- [14] Georgieva – Zhostova S., Kolev O., Stambolieva K. Translation, cross-cultural adaptation and validation of the Bulgarian version of the Dizziness Handicap Inventory, *Quality of Life Research.*, 23(7), 2014, 2103-2107. **ISSN: 0962-9343**
IF 2.412
- [15] Handjieva-Darlenska T, Tashev R, Bozhilova-Pastirova A. Modulation of leptin and ghrelin expression in the hypothalamus by insulin and glucose infusion in the brain. *Compt. Rend. Acad. Bulg. Sci.*, 67 (9), 2014, 1275- 1280. **ISSN: 1310-1331**
IF=0.198
- [16] Hadzhibozheva P.V., Lazarova M.I., Tolekova A.N., Kalfin R.E. Modulatory effects of peptide ghrelin on urinary bladder and its role in diabetes. *Bulgarian Journal of Agricultural Sciences*, 20 (Suppl. 1), 2014, 15-19. **ISSN 1310-0351**
IF = 0.140
- [17] Hadzhibozheva P., Tolekova A., Georgiev Ts., Ilieva G., Kalfin R. Angiotensin II receptors type 2 and gastrointestinal tract contractile activity. *Compt. Rend. Acad. Bulg. Sci.*, 67 (8), 2014, 1091-1100. **ISSN 1310–1331 (Print), ISSN 2367–5535**
IF=0.198
- [18] Keshavarzi, Z., Bajoghli, H., Mohamadi, M.R., Salmanian, M., Kirov, R., Gerber, M., Holsboer-Trachsler, E., Brand, S. In a randomized case-control trial with 10-year old suffering from attention deficit/hyperactivity disorder (ADHD) sleep and psychological functioning improved during a 12-week sleep-training program. *The World Journal of Biological Psychiatry*, 15 (8), 2014, 609-619. **ISSN 1562-2975**
IF = 4.644
- [19] Kirov, R., Becker, A., Rothenberger, A. Sleep in Tourette syndrome. *Current Developmental Disorders Reports*, 1 (4), 2014, 252–259. **ISSN 2196-2987**
IF = 0.63
- [20] Kirov, R., Brand, S. Sleep problems and their effect in ADHD. *Expert Review of Neurotherapeutics*, 14 (3), 2014, 287-299. **ISSN 1473-7175**
IF = 2.995
- [21] Kuzmanova R. Stefanova I., Velcheva I., Stambolieva K. Translation, cross-cultural adaptation, and validation of the Bulgarian version of the Liverpool Adverse Event Profile, *Epilepsy & Behavior* 39, 2014, 88–91, **ISSN: 1525-5050**
IF = 2.061
- [22] Negreva M, Penev A, Georgiev S, Alexandrova A. Paroxysmal atrial fibrillation: dynamics of the main antioxidant enzymes--superoxide dismutase and catalase. *Folia Med.*, 56(2), 2014, 96-101. **ISSN:0204-8043**
SJR 0.138
- [23] Manatarova S., Velcheva I., Georgieva S., Stambolieva K. Validation of the Bulgarian version of Scales for Outcomes in Parkinson's disease – Autonomic (SCOPA – AUT- BG). *Folia Med.* 55 (3-4), 2013, 56-62, **ISSN: 0204-8043**
SJR 0.138

- [24] Nenchovska Zl., Kortenska L., Stefanova M., Alova L., Atanasova M., Tchekalarova J. Effects of pinealectomy on anxiety and depressive-like behavior in Wistar rats. *Compt. Rend L'Acad. Bulg. Sci.*, 67, 2014, 1691-1700. **ISSN: 1310-1331** **IF = 0.198**
- [25] Nikolova S., Toneva D., Yordanov Y., Lazarov N., Relationship between multiple Wormian bones and pathological conditions in a case of a Chalcolithic skull. *Anthropologischer Anzeiger* 71(3), 2014, 169-190. **ISSN: 0003-5548** **IF = 0.676**
- [26] Nikolova S., Toneva D., Yordanov Y., Lazarov N., Variations in the squamous part of the occipital bone in medieval and contemporary cranial series from Bulgaria. *Folia Morphologica* 73, 2014, 429-438. **ISSN: 0015-5659** **IF = 0.524**
- [27] Petkova Zl, Tchekalarova J, Pechlivanova D., Moyanova Sl., Kortenska L, Mitreva R., Popov D., Markova P., Lozanov V., Atanasova D, Lazarov N, Stoynev Al. Treatment with melatonin after status epilepticus attenuates seizure activity and neuronal damage but does not prevent the disturbance in diurnal rhythms and behavioral alterations in spontaneously hypertensive rats in kainate model of temporal lobe epilepsy, *Epilepsy & Behavior* 31, 2014, 198–208. **ISSN: 1525-5050** **IF = 2.061**
- [28] Salehi, I., Hosseini, S.M., Haghghi, M., Jahangard, L., Bajoghli, H., Gerber, M., Pühse, U., Kirov, R., Holsboer-Trachsler, E., Brand, S. Electroconvulsive therapy and aerobic exercise training increased BDNF and ameliorated depressive symptoms in patients suffering from treatment-resistant major depressive disorder. *Journal of Psychiatric Research* 57, 2014, 117-124. **ISSN 0022-3956** **IF = 4.092**
- [29] Tashev R, Ivanova M. Effects of losartan infused into hippocampal CA1 area on exploratory behaviour of rats. *Compt. Rend. Acad. Bulg. Sci.* 67(6), 2014, 871- 878. **ISSN: 1310-1331 IF=0.198**
- [30] Tchekalarova J, Ivanova N, Pechlivanova D, Illieva K, Atanasova M. Strain-dependent effects of chronically infused losartan against kainic acid induced seizures, oxidative stress and heat shock protein 72 expression. *Cell Mol. Neurobiol.* 34, 2014, 133-142 **ISSN: 0272-4340 IF= 2.293**
- [31] Tchekalarova J., Kubová H., Mareš P. Early caffeine exposure: Transient and long-term consequences on brain excitability. *Brain Res. Bull.* 104, 2014, 27-35. **ISSN: 0361-9230 IF= 2.974**
- [32] Tchekalarova J., Ivanova N, Pechlivanova D., Atanasova D., Lazarov N, Kortenska L., Mitreva R., Lozanov V, Stoynev Al. Antiepileptogenic and neuroprotective effect of losartan in kainate model of temporal lobe epilepsy. *Pharmacol. Biochem. Beh.* 127, 2014, 27–36. **ISSN: 0091-3057** **IF = 2.777**
- [33] Valcheva-Kuzmanova S., Eftimov M., Tashev R., Yankova L., Belcheva I., Belcheva S. Effects of Aronia melanocarpa fruit juice on exploratory behaviour and locomotor activity in rats. *Acta Alimentaria* 43 (2), 2014, 315–323 **ISSN: 0139-** **IF=0.427**
- [34] Valcheva-Kuzmanova S, Eftimov M, Tashev R, Belcheva I, Belcheva S. Memory effects of Aronia melanocarpa fruit juice in a passive avoidance test in rats. *Folia Medica*, 56(3), 2014, 199-203 **ISSN: 1314-2143** **SJR 0.138**

- [35] Zamfirova R., Mateeva P., Pavlov N., Naydenova E. Effects on inflammation of newly-synthesized hexapeptide with affinity to opioid and nociceptin receptors. *Int. J. Pept. Res. Ther.*, 20 (3), 2014, 385-389. **ISSN: 1573-3149** **IF 1.28**

Под печат

- [36] Brand, S., Kirov, R., Kalak, N., Gerber, M., Pühse, U., Lemola, S., Correll, C.U., Cortese, S., Meyer, T., Holsboer-Trachsler, E. Perfectionism related to self-reported insomnia severity, but not when you controlled for stress and emotion regulation. *Neuropsychiatric Disease and Treatment*, 2014 (in press) **ISSN 1176-6328** **IF = 2.154**

- [37] Dimitrova D.J., Dinev T., Gentchev A.G., Yanev S.G., Pandova B.T., Lashev L.D., Pharmacokinetics of Enrofloxacin and its Metabolite Ciprofloxacin in Quails (*Coturnix coturnix japonica*), *Research in Veterinary Science*, 2014 (in press) **ISSN: 0034-5288** **IF = 1.511**

- [38] Yanev S., Toxicological importance of immune system/drug metabolism interactions, *Biomedical Reviews*, 2014 ISSN 1314-1929 (in press) **SJR = 0.16**

Списък на публикациите, които са реферираны и индексирани в световната система за рефериране, индексиране и оценяване

- [1] Atanasov V. N., S. S. Stoykova, Y. A. Goranova, A. N. Nedzhib, L. P. Tancheva, Ju. M. Ivanova, I. N. Pantcheva. Preliminary study on *in vivo* toxicity of monensin, salinomycin and their metal complexes, *Bulgarian Chemical Commun.*, 46 (2), 2014, 233-237, **ISSN: 0861-980** **IF=0.32**
- [2] Atanasova D., N. Lazarov: Expression of neurotrophic factors and their receptors in the carotid body of spontaneously hypertensive rats. *Respiratory Physiology & Neurobiology* 202, 2014, 6-15, **ISSN: 1569-9048** **IF: 2.05**
- [3] Brand S., Kalak N., Gerber M., Kirov R., Pühse U., Holsboer-Trachsler E. High self-perceived exercise exertion before bedtime is associated with greater objectively assessed sleep efficiency. *Sleep Medicine*, 15 (9), 2014, 1031-1036. **ISSN 1389-9457** **IF = 3.487**
- [4] Brand, S., Gerber, M., Kalak, N., Kirov, R., Lemola, S., Clough, P., Pühse, U., Holsboer-Trachsler, E. "Sleep well, our tough heroes!" – In adolescence, greater mental toughness is related to better sleep schedules. *Behavioral Sleep Medicine*, 12 (6), 2014, 444-454. **ISSN 1540-2002** **IF = 1.562**
- [5] Brand, S., Gerber, M., Kalak, N., Kirov, R., Lemola, S., Clough, P.J., Pühse, U., Holsboer-Trachsler, E. Adolescents with greater mental toughness show higher sleep efficiency, more deep sleep and fewer awakenings after sleep onset. *The Journal of Adolescent Health*, 54 (1), 2014, 109-113. **ISSN 1054-139X** **IF = 2.97**
- [6] Bennun A., Gilbert J., Wang G., Man H., Mogensen J., Simões J., Jesus L., Voegeli D., Martins C., Hall A., Simpson D., Carvalho N., Jadavji N., Lo B., Nishimura Y., Fukuda H., Dushanova J., Trachani E., Chroni E., Constantoyannis C. Horizons in Neuroscience Research., Editors: Andres Costa and Eugenio Villalba, Chapter 10 Pathological Changes of Event-Related Brain Oscillations in Parkinson's Disease, Nova Publishing, 15, 2014, 257-288, **ISBN: 978-1-63321-543-6**

- [7] Bock O, Ilieva M, Grigorova V. Effects of old age and resource demand on double-step adaptation of saccadic eye movements. *Exp Brain Res.*, 232(9), 2014, 2821-2826.
ISSN: 0014-4819 (Print) 1432-1106 (Online). **IF = 2.22**
- [8] Borisova, S., Bock, O., and Grigorova, V. Concurrent directional adaptation of reactive saccades and hand movements to target displacements of different size. *Journal of Motor Behavior* 46 (5), 2014, 303 -308. **Print ISSN 0022-2895 Online ISSN 1940-1027** **IF = 1.841**
- [9] Christova, Ch., Georgiev, S., D.Philipova, D.Mitov Effect of gratings orientation difference on N1 and P3 components of visual event related potentials at different orientation identification tasks. *Compt. Rend L'Acad Bulg Sci.* 67, 1, 2014, 67-76 **ISSN: 1310-1331** **IF = 0.198**
- [10] Dyakova L., Culita D., Marinescu G.,, Alexandrov M., Kalfin R., Patron L., Alexandrova R. Metal (ZnII, CuII, NiII) complexes of Ursodeoxycholic acid as putative anticancer agent. *Biotechnology & Biotechnological Equipment*, 28(3), 2014, 543-551, **ISSN 1310-2818 (Print), 1314-3530 (Online)** **IF=0.379**
- [11] Dushanova J & Christov M. The effect of aging on EEG brain oscillations related to sensory and sensorimotor functions, *Advances in Medical Sciences* 59 (1), 2014. 61–67, **ISSN:1896-1126** **IF=0.796**
- [12] Dushanova J. Pathological Changes of Event-Related Brain Oscillations in Parkinson's Disease, *chapter* in e-book series: Horizons in Neuroscience Research. Editors: Andres Costa and Eugenio Villalba, Vol. 15., 2014, Pages: 7x10 - (NBC-R) Nova Publishing, **ISBN: 978-1-63321-543-6**
- [13] Ivanova N, Pechlivanova D, Tchekalarova J, Popov D, Markova P, Stoynev Al. Beneficial effects of chronic treatment with losartan on behavioural disturbances in kainate model of temporal lobe epilepsy. *Compt. Rend L'Acad Bulg Sci.*, 67, 12, 2013, 1761-1768. **ISSN: 1310-1331** **IF = 0.198**
- [14] Ivanova M, Belcheva S, Belcheva I, Stoyanov Zl, Tashev R. Modulatory effect of VIP injected into hippocampal CA1 area on anxiety in olfactory bulbectomized rats. *Acta Neurobiol Exp.*, 74, 2014, 317–327. **ISSN: 0065-1400** **IF=2.244**
- [15] Ilieva G.,, Tolekova A., Kalfin R.,, Hadzhibozheva P., Georgiev Ts. Effects of some vasoactive neuropeptides on motor activity of smooth muscle organ's strips from different areas of gastrointestinal system. *Bulgarian Journal of Agricultural Sciences*, 20(1), 2014, 220-226. **ISSN 1310-0351** **IF = 0.140**
- [16] Georgieva – Zhostova S., Kolev O., Stamboliева K. Translation, cross-cultural adaptation and validation of the Bulgarian version of the Dizziness Handicap Inventory, *Quality of Life Research.*, 23(7), 2014, 2103-2107. **ISSN: 0962-9343** **IF 2.412**
- [17] Handjieva-Darlenska T, Tashev R, Bozhilova-Pastirova A. Modulation of leptin and ghrelin expression in the hypothalamus by insulin and glucose infusion in the brain. *Compt. Rend. Acad. Bulg. Sci.*, 67 (9), 2014, 1275- 1280. **ISSN: 1310-1331** **IF=0.198**
- [18] Hadzhibozheva P., Lazarova M., Tolekova A., Kalfin R. Modulatory effects of peptide ghrelin on urinary bladder and its role in diabetes. *Bulgarian Journal of Agricultural Sciences*, 20 (Suppl. 1), 2014, 15-19. **ISSN 1310-0351** **IF = 0.140**

- [19] Hadzhibozheva P., Tolekova A., Georgiev Ts., Ilieva G., Kalfin R. Angiotensin II receptors type 2 and gastrointestinal tract contractile activity. *Compt. Rend. Acad. Bulg. Sci.*, 67 (8), 2014, 1091-1100. **ISSN 1310–1331 (Print), ISSN 2367–5535** **IF=0.198**
- [20] Keshavarzi, Z., Bajoghli, H., Mohamadi, M.R., Salmanian, M., Kirov, R., Gerber, M., Holsboer-Trachsler, E., Brand, S. In a randomized case-control trial with 10-year old suffering from attention deficit/hyperactivity disorder (ADHD) sleep and psychological functioning improved during a 12-week sleep-training program. *The World Journal of Biological Psychiatry*, 15 (8), 2014, 609-619. **ISSN 1562-2975** **IF = 4.644**
- [21] Kirov, R., Becker, A., Rothenberger, A. Sleep in Tourette syndrome. *Current Developmental Disorders Reports*, 1 (4), 2014, 252–259. **ISSN 2196-2987** **IF = 0.63**
- [22] Kirov, R., Brand, S. Sleep problems and their effect in ADHD. *Expert Review of Neurotherapeutics*, 14 (3), 2014, 287-299. **ISSN 1473-7175** **IF = 2.995**
- [23] Negreva M., Penev A., Georgiev S., Alexandrova A. Changes in Glucose-6-phosphate Dehydrogenase activity in paroxysmal atrial fibrillation, *J. Cardiobiol.*, 2(1), 2014, 5. **ISSN: 2332-3671**
- [24] Kuzmanova R. Stefanova I., Velcheva I., Stambolieva K. Translation, cross-cultural adaptation, and validation of the Bulgarian version of the Liverpool Adverse Event Profile, *Epilepsy & Behavior* 39, 2014, 88–91, **ISSN: 1525-5050** **IF 2.186**
- [25] Negreva M, Penev A, Georgiev S, Alexandrova A. Paroxysmal atrial fibrillation: dynamics of the main antioxidant enzymes--superoxide dismutase and catalase. *Folia Med.*, 56(2), 2014, 96-101. **ISSN:0204-8043** **SJR 0.138**
- [26] Manatarova S., Velcheva I., Georgieva S., Stambolieva K. Validation of the Bulgarian version of Scales for Outcomes in Parkinson's disease – Autonomic (SCOPA – AUT- BG). *Folia Med.* 55 (3-4), 2013, 56-62, **ISSN: 0204-8043** **SJR 0.138**
- [27] Nenchovska Zl., Kortenska L., Stefanova M., Alova L., Atanasova M., Tchekalarova J. Effects of pinealectomy on anxiety and depressive-like behavior in Wistar rats. *Compt. Rend L'Acad. Bulg. Sci.*, 67, 2014, 1691-1700. **ISSN: 1310-1331** **IF = 0.204**
- [28] Nikolova S., Toneva D., Yordanov Y., Lazarov N., Relationship between multiple Wormian bones and pathological conditions in a case of a Chalcolithic skull. *Anthropologischer Anzeiger* 71(3), 2014, 169-190. **ISSN: 0003-5548** **IF = 0.676**
- [29] Nikolova S., Toneva D., Yordanov Y., Lazarov N., Variations in the squamous part of the occipital bone in medieval and contemporary cranial series from Bulgaria. *Folia Morphologica* 73, 2014, 429-438. **ISSN: 0015-5659** **IF = 0.524**
- [30] Petkova Zl, Tchekalarova J, Pechlivanova D., Moyanova Sl., Kortenska L, Mitreva R., Popov D., Markova P., Lozanov V., Atanasova D, Lazarov N, Stoynev Al. Treatment with melatonin after status epilepticus attenuates seizure activity and neuronal damage but does not prevent the disturbance in diurnal rhythms and behavioral alterations in spontaneously hypertensive rats in kainate model of temporal lobe epilepsy, *Epilepsy & Behavior* 31, 2014, 198–208. **ISSN: 1525-5050** **IF = 2.106**

- [31] Salehi, I., Hosseini, S.M., Haghghi, M., Jahangard, L., Bajoghli, H., Gerber, M., Pühse, U., Kirov, R., Holsboer-Trachsler, E., Brand, S. Electroconvulsive therapy and aerobic exercise training increased BDNF and ameliorated depressive symptoms in patients suffering from treatment-resistant major depressive disorder. *Journal of Psychiatric Research* 57, 2014, 117-124. **ISSN 0022-3956** **IF = 4.092**
- [32] Tashev R, Ivanova M. Effects of losartan infused into hippocampal CA1 area on exploratory behaviour of rats. *Compt. Rend. Acad. Bulg. Sci.* 67(6), 2014, 871- 878. **ISSN: 1310-1331 IF=0.198**
- [33] Tchekalarova J, Ivanova N, Pechlivanova D, Illieva K, Atanasova M. Strain-dependent effects of chronically infused losartan against kainic acid induced seizures, oxidative stress and heat shock protein 72 expression. *Cell Mol. Neurobiol.* 34, 2014, 133-142 **ISSN: 0272-4340 IF= 2.293**
- [34] Tchekalarova J., Kubová H., Mareš P. Early caffeine exposure: Transient and long-term consequences on brain excitability. *Brain Res. Bull.* 104, 2014, 27-35. **ISSN: 0361-9230 IF= 2.974**
- [35] Tchekalarova J., Ivanova N, Pechlivanova D., Atanasova D., Lazarov N, Kortenska L., Mitreva R., Lozanov V, Stoynev Al. Antiepileptogenic and neuroprotective effect of losartan in kainate model of temporal lobe epilepsy. *Pharmacol. Biochem. Beh.* 127, 2014, 27–36. **ISSN: 0091-3057** **IF = 2.777**
- [36] Tchekalarova J and Freitas R. Effect of Diterpene Phytol on Pentylenetetrazol and Maximal Electroshock Seizure Models: Possible Role of GABAergic Mechanism. *Pharmacologia*, 5, 2014, 351-356. **ISSN: 2044-4648.**
- [37] Tchekalarova J. Finding a model for comorbidity between attention deficit hyperactivity disorder and epilepsy. *Moll Cell Epilepsy* 1, 2014, 92-95 **ISSN 2330-3891.**
- [38] Tchekalarova J and Kortenska L. Strain-Dependent Difference in Cortical Electroencephalogram and Clinical Manifestations of seizures in kainate model of temporal lobe epilepsy. *Asian Journal of Physics.*, 23, 2014, 839-847 **ISSN: 0971-3093**
- [39] Valcheva-Kuzmanova S., Eftimov M., Tashev R., Yankova L., Belcheva I., Belcheva S. Effects of Aronia melanocarpa fruit juice on exploratory behaviour and locomotor activity in rats. *Acta Alimentaria* 43 (2), 2014, 315–323 **ISSN: 0139-3006** **IF=0.427**
- [40] Valcheva-Kuzmanova S, Eftimov M, Tashev R, Belcheva I, Belcheva S. Memory effects of Aronia melanocarpa fruit juice in a passive avoidance test in rats. *Folia Medica*, 56(3), 2014, 199-203 **ISSN: 1314-2143** **SJR 0.138**
- [41] Zamfirova R., Mateeva P., Pavlov N., Naydenova E. Effects on inflammation of newly-synthesized hexapeptide with affinity to opioid and nociceptin receptors. *Int. J. Pept. Res. Ther.*, 20 (3), 2014, 385-389. **ISSN: 1573-3149** **IF 1.28**

Под печат

- [42] Alexandrova A., Kirkova M., Tsvetkova E., Komsalov V., Yanev S., New biomarkers for diagnosis and prognosis of poisoning with sarin and soman: II. Antioxidant status, *Journal of Medical, Chemical, Biological, & Radiological Defense* 2014 (in press) **ISSN 1540-6709**
- [43] Alexandrova R., Zhivkova T., Dyakova L., Dankov I., Jordanova P., Altanerova V., Altaner C. Comparative study on cell lines established from retrovirus-induced transplantable chicken liver cancer. **Acta Morphologica et Anthropologica** (accepted for publication 2014), MARIN DRINOV ACAD PUBL HOUSE, **ISSN 1311-8773**
- [44] Brand, S., Kirov, R., Kalak, N., Gerber, M., Pühse, U., Lemola, S., Correll, C.U., Cortese, S., Meyer, T., Holsboer-Trachsler, E. Perfectionism related to self-reported insomnia severity, but not when you controlled for stress and emotion regulation. *Neuropsychiatric Disease and Treatment*, 2014 (in press) **ISSN 1176-6328 IF = 2.154**
- [45] Dimitrova D.J., Dinev T., Gentchev A.G., Yanev S.G., Pandova B.T., Lashev L.D., Pharmacokinetics of Enrofloxacin and its Metabolite Ciprofloxacin in Quails (*Coturnix coturnix japonica*), *Research in Veterinary Science*, 2014 (in press) **ISSN: 0034-5288 IF = 1.511**
- [46] Komsalov V., Todorova, V., Uzunova D., Yanev S. New biomarkers for diagnosis and prognosis of poisoning with sarin and soman: I. Enzymes constellation, *Journal of Medical, Chemical, Biological, & Radiological Defense*, 2014 (in press). **ISSN 1540-6709**
- [47] Yanev S., Toxicological importance of immune system/drug metabolism interactions, *Biomedical Reviews*, 2014 ISSN 1314-1929 (in press) **SJR = 0.16**

Списък на публикациите без рефериране и индексиране в световната система за рефериране, индексиране и оценяване

- [1] Alexandrova R., Mazgaldzhi M., Gavrilova I., Timcheva K. The antitumor power of platinum compounds. In: Proceedings of the Eighth Workshop “Biological Activity of Metals, Synthetic Compounds and Natural Products”, 27-29 November, 2013, Sofia, Bulgaria, D. Kadiysky, R. Alexandrova (Eds), pp. 110-123, 2014
- [2] Alexandrova R., Dyakova L., Zhivkova T., Mitrenga P., Alexandrov M., Kalfin R., Patroniou G., Culita D.-C., Marinescu G., Patron L. Anticancer properties of zinc compounds. Proceedings of the IXth Workshop “Biological Activity of Metals, Synthetic Compounds and Natural Products”, 27-29 November, 2014, Sofia, Bulgaria, p. 18 – p. 22. **ISSN 2367-5683**
- [3] Alexandrova R., Abudalleh A., Andonova-Lilova B., Zhivkova T., Mitrenga P., Dyakova L., Alexandrov O., Dinev D., Spasova S., Sigurjonsson O. Bone tissue engineering. In: Proceedings of the IXth Workshop “Biological Activity of Metals, Synthetic Compounds and Natural Products”, 26-28 November, 2014, Sofia, Bulgaria, D. Kadiysky, R. Alexandrova (Eds), pp. 126-132, 2014. **ISSN 2367-5683**
- [4] Aleksandrova S.A., L.P.Tancheva. Review of pharmacological activities of ellagic acid with focus on central nervous system and antiviral effects. Proceedings of the Vth Workshop on Experimental Models and Methods in Biomedical Research, 7-9 April 2014, Eds. Dimitar Kadiysky and Radostina Alexandrova, IEPMAM-BAS, Sofia, Bulgaria, pp. 162-172, 2014, **ISSN 1314-9091**.
- [5] Alexandrova R., Abudalleh A., Zhivkova T., Dyakova L., Georgieva M., Miloshev G., Marinescu G., Cristina Culita D., Patron L. Cytotoxic effects of Zn / Ag and Zn / Au complexes

on cultured non - tumor cells . In: Toxicological Problems. Dishovsky, Ch., J. Radenkova-Saeva (Eds). Military Publishing House, Sofia, 2014. pp. 248-253. **ISBN 978-954-509-509-2**

[6] Dragomanova S., M. Georgieva, S. Aleksandrova. Alzheimer's disease –Treatment research trends. Proceedings of the Vth Workshop on Experimental Models and Methods in Biomedical Research, 7-9 April 2014, Eds. Dimitar Kadiysky and Radostina Alexandrova, IEPMAM-BAS, Sofia, Bulgaria, pp. 183-191, 2014, **ISSN 1314-9091**

[7] Klisurov, R., E. Encheva, L. Tancheva, M. Genadieva, D. Tsekova, Effect of solvents on the toxicity of some L-Valinepeptidomimetics in rats,"Toxicological problems", Dishovsky, Radenkova, (eds), Military Publishing House, Sofia, Bulgaria, Sofia, 2014, 341-344 **ISBN 978-954-509-509-2**

[8] Stoeva S., L.Tancheva, A. Georgieva, T. Pajpanova, R. Klisurov, R. Kalfin. Experimental research on pharmacological and toxicological effects of newly synthesized neuropeptides with short chains. Proceedings of the Vth Workshop on Experimental Models and Methods in Biomedical Research, 7-9 April 2014, Eds. Dimitar Kadiysky and Radostina Alexandrova, IEPMAM-BAS, Sofia, Bulgaria, pp. 157-162, 2014, **ISSN 1314-9091**

[9] Stoeva, S. , R. Klisurov, L. Tancheva, S. Dragomanova, T. Paipanova, R. Kalfin, Pilot study of the pharmacological and toxicological effects of newly synthesized peptidomimetics with short chains."Toxicological problems", Dishovsky, Radenkova, (eds), Military Publishing House, Sofia, 2014, 278-291 **ISBN 978-954-509-509-2**

Под печат

[10] Dimitrov, B., Stambolieva, K., & Gatev, P. EEG mapping during quiet and sensory conflicted stance. Proc. of the International Workshop "Posture, Balance and the Brain", 13th September 2014, Thessaloniki, Greece, Procon Ltd., Sofia, Bulgaria 2014, (in press)

[11] Gatev, P., Stambolieva, K., Lalova, J., &, Dimitrov, B. EEG sources during quiet and sensory conflicted upright standing tasks. Proc. of the International Workshop "Posture, Balance and the Brain", 13th September 2014, Thessaloniki, Greece, Procon Ltd., Sofia, Bulgaria 2014 (in press)

[12] Gatev, P., & Kirilova, K., Kinetic measures of functional reach during sensory conflicted stance. Proc. of the International Workshop "Posture, Balance and the Brain", 13th September 2014, Thessaloniki, Greece, Procon Ltd., Sofia, Bulgaria 2014 (in press)

[13] Minchev, Z., & Gatev, P. Audio-visual entrainment influence on postural dynamics. Proc. of the International Workshop "Posture, Balance and the Brain", 13th September 2014, Thessaloniki, Greece, Procon Ltd., Sofia, Bulgaria 2014 (in press)

[14] Stambolieva, K., Otsetov, M., Petrova, D., Ikonomov, R. & Gatev, P. Postural stability during static upright stance in archers. Proc. of the International Workshop "Posture, Balance and the Brain", 13th September 2014, Thessaloniki, Greece, Procon Ltd., Sofia, Bulgaria 2014 (in press)

УЧЕБНИЦИ, УЧЕБНИ ПОМАГАЛА

[1] Dzhambazova E, Angelova P, Raychev P, Tchekalarova J, Dimitrov T, Petrova E. Human physiology. Exercise book for students in medicine, St. Kliment Ohridski University, Sofia Press, Sofia, 2014, **ISBN 978-954-07-3738-6.**

- [2] Оджакова М., Петрова Св., Александрова А., Калчев К.. Протоколна тетрадка по биохимия, Издателство: "Химера" ОД, Шумен, 2014 **ISBN 978-954-9775-97-6**
- [3] Фармакология и токсикология- учебник за студенти по медицина, под ред. на Н. Бояджиева и К. Якимова, Мед изд. Арсо, София, 2014, **Л. Танчева**, стр. 238-244, 659-664, 672-680, ISBN: 978-954-9301-946