

Список публикаций д.б.н. Степаничева Михаила Юрьевича,
ведущего научного сотрудника лаборатории функциональной биохимии нервной системы
ФГБУН Институт высшей нервной деятельности и нейрофизиологии Российской
академии наук, по теме диссертации в рецензируемых научных изданиях за 2016–2021 гг.

1. Peregud D., **Stepanichev M.Yu.**, Gulyaeva N.V. Expression of the hippocampal PTCH during early abstinence is associated with drinking patterns in a rat model of voluntary alcohol intake // Neuroreport. 2021. V. 32, № 9. P. 757–761.
2. **Stepanichev M.Y.** Neonatal proinflammatory challenge evokes a microglial response and affects the ratio between subtypes of GABAergic interneurons in the hippocampus of juvenile rats: sex-dependent and sex-independent effects // Brain Structure and Function. 2021. V. 226. P. 563–574.
3. Kudryashova I., **Stepanichev M.**, Manolova A., Gulyaeva N. Deficit of long-term potentiation induction, but not maintenance, in the juvenile hippocampus after neonatal proinflammatory stress // Developmental Neuroscience. 2020. V. 41, № 5–6. P. 318–326.
4. Peregud D.I., **Stepanichev M.Yu.**, Gulyaeva N.V. Drinking pattern in intermittent access two-bottle-choice paradigm in male wistar rats is associated with exon-specific BDNF expression in the hippocampus during early abstinence // Journal of Molecular Neuroscience. 2020. V. 71, № 2. P. 262–275.
5. Dobryakova Y.V., Kasianov A., Zaichenko M.I., **Stepanichev M.Y.**, Chesnokova E.A., Kolosov P.M., Markevich V.A., Bolshakov A.P. Intracerebroventricular administration of IgG-saporin alters expression of microglia-associated genes in the dorsal but not ventral hippocampus // Frontiers in Molecular Neuroscience. 2018. V. 10. Article No. 429.
6. **Stepanichev M.Yu.**, Manolova A.O., Peregud D.I., Onufriev M.V., Freiman S., Aniol V.A., Moiseeva Y.V., Novikova M.R., Lazareva N.A., Gulyaeva N.V. Specific activity features in the forced swim test: brain neurotrophins and development of stress-induced depressive-like behavior in rats // Neuroscience. 2018. V. 375. P. 49–61.
7. **Stepanichev M.Yu.**, Onufriev M., Aniol V.A., Freiman S., Brandstaetter H., Winter S., Lazareva N., Guekht A., Gulyaeva N.V. Effects of cerebrolysin on nerve growth factor system in the aging rat brain // Restorative Neurology and Neuroscience. 2017. V. 35, № 6. P. 571–581.
8. Peregud D.I., Yakovlev A.A., **Stepanichev M.Y.**, Onufriev M.V., Panchenko L.F., Gulyaeva N.V. Expression of BDNF and TrkB phosphorylation in the rat frontal cortex during morphine withdrawal are NO dependent // Cellular and Molecular Neurobiology. 2016. V. 36, № 6. P. 839–849.
9. **Stepanichev M.Y.**, Markov D., Pasikova N.V., Gulyaeva N.V. Behavior and the cholinergic parameters in olfactory bulbectomized female rodents: Difference between rats and mice // Behavioural Brain Research. 2016. V. 297. P. 5–14.
10. **Stepanichev M.Y.**, Markov D.A., Freiman S.V., Frolova O.A., Omelyanchik S.N., Borodina T.A., Novikova M.R., Kanunnikova N.P., Onufriev M.V., Moiseenok A.G., Gulyaeva N.V. Combined treatment with pantothenic acid derivatives and memantine alleviates scopolamine-induced amnesia in rats: The involvement of the thiol redox state and coenzyme A // Neurochemical Journal. 2016. V. 10, № 2. P. 120–130.