Список публикаций д.б.н. Тихоновой Марии Александровны по теме оппонируемой диссертации (за последние 5 лет):

1. Короленко Т.А., Пупышев А.Б., Беличенко В.М., Бгатова Н.П., Тендитник М.В., Федосеева Л.А., Гончарова Н.В., Овсюкова М.В., Короленко Э.Ц., Завьялов Е.Л., **Тихонова М.А.** Влияние трегалозы на транскрипцию генов аутофагии и ультраструктурные изменения в нейронах и клетках глии головного мозга мышей линии db/db 5-месячного возраста, моделирующих диабет 2-го типа с развитием нейродегенерации. // Нейрохимия. — 2025. – – Т. 42. — № 4. — С. 118–127. doi: 10.7868/S3034556125040112. Korolenko T.A., Pupyshev A.B., Belichenko V.M., Bgatova N.P., Tenditnik M.V., Fedoseeva L.A., Goncharova N.V., Ovsyukova M.V., Korolenko E.C., Zavjalov E.L., **Tikhonova M.A.** The Effect of Trehalose on Autophagy Gene Transcription and Ultrastructure in Neurons and Glia of 5-Month-Old db/db Mice, a Model of Type 2 Diabetes-Associated Neurodegeneration. // Neurochem. J. — 2025. —V. 19. — N 4. — P. 800–808. doi: 10.1134/S1819712425700849. **УБС1.**
2. Timofeeva E.A., Dubrovina N.I., **Tikhonova M.A.,** Amstislavskaya T.G. Fear Memory in Experimental Models of Parkinson's Disease. // Adv. Gerontol., 2024. V. 14(1). P. 1-13. doi: 10.1134/S207905702460040X. УБС3.
3. Pupyshev A.B., Akopyan A.A., Tenditnik M.V., Ovsyukova M.V., Dubrovina N.I., Belichenko V.M., Korolenko T.A., Zozulya S.A., Klyushnik T.P., **Tikhonova M.A.** Alimentary Treatment with Trehalose in a Pharmacological Model of Alzheimer's Disease in Mice: Effects of Different Dosages and Treatment Regimens. // Pharmaceutics, 2024. V.16(6). P. 813. doi: 10.3390/pharmaceutics16060813. **Q1. УБС1.**
4. Belichenko V.M., Bashirzade A.A., Tenditnik M.V., Dubrovina N.I., Akopyan A.A., Ovsyukova M.V., Fedoseeva L.A., Pupyshev A.B., Aftanas L.I., Amstislavskaya T.G., **Tikhonova M.A.** Comparative analysis of early neurodegeneration signs in a mouse model of Alzheimer's disease-like pathology induced by two types of the central (Intracerebroventricular vs. Intrahippocampal) administration of Aβ25-35 oligomers. // Behav. Brain Res., 2023. V.454. P. 114651. doi: 10.1016/j.bbr.2023.114651. УБС2.
5. Pupyshev A.B., Klyushnik T.P., Akopyan A.A., Singh S.K., **Tikhonova M.A.** Disaccharide trehalose in experimental therapies for neurodegenerative disorders: Molecular targets and translational potential. // Pharmacol. Res., 2022. V. 183. P. 106373. doi: 10.1016/j.phrs.2022.106373. **Q1.**
6. Markova E.V., Knyazheva M.A., **Tikhonova M.A.,** Amstislavskaya T.G. Structural and functional characteristics of the hippocampus in depressive-like recipients after transplantation of in vitro caffeine-modulated immune cells. // Neurosci. Lett., 2022. V. 786. P. 136790. doi: 10.1016/j.neulet.2022.136790. УБС2.

7. **Tikhonova M.A.,** Maslov N.A., Bashirzade A.A., Nehoroshev E.V., Babchenko V.Y., Chizhova N.D., Tsibulskaya E.O., Akopyan A.A., Markova E.V., Yang Y.L., Lu K.T., Kalueff A.V., Aftanas L.I., Amstislavskaya T.G. A Novel Laser-Based Zebrafish Model for Studying Traumatic Brain Injury and Its Molecular Targets. // Pharmaceutics, 2022. V. 14. N 8. P. 1751. doi: 10.3390/pharmaceutics14081751. **Q1. УБС1.**
8. Bashirzade A.A., Zabegalov K.N., Volgin A.D., Belova A.S., Demin K.A., de Abreu M.S., Babchenko V.Y., Bashirzade K.A., Yenkoyan K.B., **Tikhonova M.A.**, Amstislavskaya T.G., Kalueff A.V. Modeling neurodegenerative disorders in zebrafish. // Neurosci. Biobehav. Rev., 2022. V. 138. P. 104679. doi: 10.1016/j.neubiorev.2022.104679. **Q1. УБС1.**
9. Pupyshev A.B., Belichenko V.M., Tenditnik M.V., Bashirzade A.A., Dubrovina N.I., Ovsyukova M.V., Akopyan A.A., Fedoseeva L.A., Korolenko T.A., Amstislavskaya T.G., **Tikhonova M.A.** Combined induction of mTOR-dependent and mTOR-independent pathways of autophagy activation as an experimental therapy for Alzheimer's disease-like pathology in a mouse model. // Pharmacol. Biochem. Behav., 2022. V. 217. P. 173406. doi: 10.1016/j.pbb.2022.173406. УБС2.
10. Yang S.-T., Hung H.-Y., Ro L.-S., Liao M.-F., Amstislavskaya T.G., **Tikhonova M.A.**, Yang Y.-L., Lu K.-T. Chronic Administration of 7,8-DHF Lessens the Depression-Like Behavior of Juvenile Mild Traumatic Brain Injury Treated Rats at Their Adult Age. // Pharmaceutics, 2021. V.13. N12. P. 2169. doi: 10.3390/pharmaceutics13122169. **Q1. УБС1.**
11. **Tikhonova M.A.,** Amstislavskaya T.G., Ho Y.-J., Akopyan A.A., Tenditnik M.V., Ovsyukova M.V., Bashirzade A.A., Dubrovina N.I., Aftanas L.I. Neuroprotective Effects of Ceftriaxone Involve the Reduction of Aβ Burden and Neuroinflammatory Response in a Mouse Model of Alzheimer's Disease. // Front. Neurosci., 2021. V.15. P. 736786. doi: 10.3389/fnins.2021.736786. **УБС1.**
12. Korolenko T.A., Dubrovina N.I., Ovsyukova M.V., Bgatova N.P., Tenditnik M.V., Pupyshev A.B., Akopyan A.A., Goncharova N.V., Lin C.L., Zavjalov E.L., **Tikhonova M.A.,** Amstislavskaya T.G. Treatment with Autophagy Inducer Trehalose Alleviates Memory and Behavioral Impairments and Neuroinflammatory Brain Processes in db/db Mice. // Cells, 2021. V.10. N10. P. 2557. doi: 10.3390/cells10102557. **Q1. УБС1.**