

Основные публикации оппонента за последние пять лет в рецензируемых журналах из списка ВАК Минобрнауки РФ (не менее 5 не более 15)

1. Nikolaeva S., Bayunovsa L., Sokolova T., Vlasova Y., Bachteeva V., Avrova N., Parnova R. GM1 and GD1a gangliosides modulate toxic and inflammatory effects of *E. coli* lipopolysaccharide by preventing TLR4 translocation into lipid rafts. *Biochim. Biophys. Acta. Cell Biol. Lipids.* 2015. V. 1851. No 3. P. 239-247. (Impact-factor 4.495)
2. Zakharova I.O., Sokolova T.V., Akhmetshina A.O., Avrova N.F. Role of protein kinase Akt activation in protective effect of ganglioside GM1 on PC12 cells exposed to H₂O₂. *Bull Exp Biol Med.* 2015. V. 159, No 5. P. 610-613.
3. Vlasova Yu.A., Zakharova I.O., Avrova N.F. The effect of alpha-tocopherol and H₂O₂ on the mitochondrial membrane potential and Bax/Bcl-xL ratio in PC12 cells. *Neurochem. J.* 2016. V. 10, No 4. P. 318-322.
4. Zakharova I.O., Sokolova T.V., Vlasova Yu.A., Bayunova L.V., Rychkova M.P., Avrova N.F. α-Tocopherol at nanomolar concentration protects cortical neurons against oxidative stress. *Int. J.*

	<p>Mol. Sci. 2017. V. 18, No 1. pii: E216. (Impact factor 3.687)</p> <p>5. Zorina I.I., Bayunova L.V., Zakharova I.O., Avrova N.F. The dependence of the protective effect of insulin on its concentration and modulation of ERK1/2 activity under the conditions of oxidative stress in cortical neurons. Neurochem. J. 2018. V. 10, No 1. P. 111-116.</p> <p>6. Bayunova L.V., Zorina I.I., Zakharova I.O. Insulin increases viability of neurons in rat cerebral cortex and normalizes Bax/Bcl-2 ratio under conditions of oxidative stress. Bull. Exp. Biol. Med. 2018. V. 165, No 1. P. 14-17.</p>