

СПИСОК ПУБЛИКАЦИЙ д.б.н. ЩЕРБАКОВА Д.Ю. ПО ТЕМЕ ОППОНИРУЕМОЙ ДИССЕРТАЦИИ

1. Romanova E.V., Mikhailov K.V., Logacheva M.D., Kamaltynov R.M., Aleoshin V.V., Sherbakov D.Yu. The complete mitochondrial genome of Baikalian amphipoda *Eulimnogammarus vittatus* Dybowsky, 1874 // *Mitochondrial DNA*. – 2016. – Т. 27. – № 3. – С. 1795-1797. DOI: 10.3109/19401736.2014.963817 (12891)
2. Romanova E.V., Aleoshin V.V., Kamaltynov R.M., Mikhailov K.V., Logacheva M.D., Sirotinina E.A., Gornov A.Yu., Anikin A.S., Sherbakov D.Yu. Evolution of mitochondrial genomes in Baikalian amphipods // *BMC Genomics*. – 2016. – Т. 17. – № 1016. – С. 291-306. (13571)
3. Sherbakov D.Yu., Bukin Yu.S., Kravtsova L.S., Romanova E.V., Mincheva E.V., Peretolchina T.E., Poroshina A.E., Sirotinina E.A., Voylo M.A. Mechanisms of fast transformations of Baikal biota: multidisciplinary approach // *Limnology and Freshwater Biology*. – 2018. – № 1. – P. 32-35. DOI: 10.31951/2658-3518-2018-A-1-32 (70559)
4. Adelshin R.V., Sidorova E.A., Bondaryuk A.N., Trukhina A.G., Sherbakov D.Yu., White III R.A., Andaev E.I., Balakhonov S.V. “886-84-like” tick-borne encephalitis virus strains: Intraspecific status elucidated by comparative genomics // *Ticks and Tick-borne Diseases*. – 2019. – V. 10. – № 5. – P. 1168-1172. DOI: 10.1016/j.ttbdis.2019.06.006 (70795)
5. Romanova E.V., Sherbakov D.Y. Different rates of molecular evolution of mitochondrial genes in Baikalian and non-Baikalian amphipods // *Limnology and Freshwater Biology*. – 2019. – № 6. – P. 339-344. DOI: 10.31951/2658-3518-2019-A-6-339 (70999)
6. Peretolchina T.E., Khanaev I.V., Enushchenko I.V., Sherbakov D.Y., Kravtsova L.S. The diversity of the Baikal lineage of *Hydra oligactis* Pallas, 1766: molecular and morphological evidence // *Zookeys*. – 2020. – 912: 1–12 DOI: 10.3897/zookeys.912.46898
7. Kravtsova L.S., Mizandrontsev I.B., Vorobyova S.S., Izhboldina L.A., Mincheva E.V., Potyomkina T.G., Golobokova L.P., Sakirko M.V., Triboy T.I., Khanaev I.V., Sherbakov D.Yu., Fedotov A.P. Influence of water motion on the spatial distribution of *Spirogyra* in Lake Baikal // *Journal of Great Lakes Research*. – 2020. – V. 46. – № 1. – P. 29-40. DOI: 10.1016/j.jglr.2019.09.004 (70979)

8. Romanova E.V., Bukin Y.S., Mikhailov K.V., Logacheva M.D., Aleoshin V.V., Sherbakov D.Yu. Hidden cases of tRNA gene duplication and remodeling in mitochondrial genomes of amphipods // *Molecular Phylogenetics and Evolution*. – 2020. – V. 144, Art №106710. – P. 1-21.
DOI: 10.1016/j.ympev.2019.106710 (70988)
9. Romanova E.V., Bukin Y.S., Sherbakov D.Yu. Bioinformatic tools for tRNA gene analyses in mitochondrial DNA sequence data // *Data in brief*. – 2020. – № 29, Art№ 105284. – P. 1-7. DOI: 10.1016/j.ympev.2019.106710. (70997)
10. Kovalenkova M.V., Bukin Yu.S., Sitnikova T.Ya., Sherbakov D.Yu. The phylogeny based on the intron of ATP synthase α -subunit gene reveals a substrate role in the origin of the gastropod species flock from Lake Baikal // *Limnology and Freshwater Biology*. – 2020. – № 2. – P. 405-411.
DOI: 10.31951/2658-3518-2020-A-2-405 (71048)
11. Poroshina A.A., Sherbakov D.Y., Peretolchina T.E., Diagnosis of the mechanisms of different types of discordances between phylogenies inferred from nuclear and mitochondrial markers // *Vavilov Journal of Genetics and Breeding*. – 2020. – Jul; 24(4): 420–426. DOI: 10.18699/VJ20.634
12. Peretolchina T.E., Sitnikova T. Ya., Sherbakov D. Yu. The complete mitochondrial genomes of four Baikal molluscs from the endemic family Baicaliidae (Caenogastropoda: Truncatelloida) // *Journal of Molluscan Studies*. – 2020. - Volume 86, Issue 3, Pages 201–209 DOI: 10.1093/mollus/eyaa004