

СПИСОК ПУБЛИКАЦИЙ ОППОНЕНТА
ДБН ЩЕРБАКОВА Д.Ю.
ПО ТЕМЕ ОППОНИРУЕМОЙ ДИССЕРТАЦИИ

1. Poroshina, A., & Sherbakov, D. (2023). A Procedure for Modeling Genetic Diversity Distortions in Populations of Organisms with Mixed Reproductive Strategies. *Mathematics*, 11(13), 2985.
2. Sitnikova, T., Peretolchina, T., Prozorova, L., Sherbakov, D., Babushkin, E., & Vinarski, M. (2023). The North Asian Genus *Kolhyamamnicola* Starobogatov and Budnikova 1976 (Gastropoda: Amnicolidae), Its Extended Diagnosis, Distribution, and Taxonomic Relationships. *Diversity*, 15(4), 483.
3. Yuxiang, W., Peretolchina, T. E., Romanova, E. V., & Sherbakov, D. Y. (2023). Comparison of the evolutionary patterns of DNA repeats in ancient and young invertebrate species flocks of Lake Baikal. *ВАВИЛОВСКИЙ ЖУРНАЛ ГЕНЕТИКИ И СЕЛЕКЦИИ*, 27(4), 349-356.
4. Maikova, O. O., & Sherbakov, D. Y. (2023). Mitochondrial DNA Evolution Trends of Baikal Endemic Sponges. I. The Mitochondrial Genome of *S. khanaevi*. *Russian Journal of Genetics*, 59(2), 144-149.
5. Mikhailov, K. V., Karpov, S. A., Letcher, P. M., Lee, P. A., Logacheva, M. D., Penin, A. A., ... & Aleoshin, V. V. (2022). Genomic analysis reveals cryptic diversity in aphelids and sheds light on the emergence of Fungi. *Current Biology*, 32(21), 4607-4619.
6. Kirichenko, A. D., Poroshina, A. A., Sherbakov, D. Y., Sadovsky, M. G., & Krutovsky, K. V. (2022). Comparative analysis of alignment-free genome clustering and whole genome alignment-based phylogenomic relationship of coronaviruses. *Plos one*, 17(3), e0264640.
7. Bukin, Y. S., Kravtsova, L. S., Peretolchina, T. E., Fedotov, A. P., Tupikin, A. E., Kabilov, M. R., ... & Mincheva, E. V. (2022). DNA metabarcoding of benthic algae and associated eukaryotes from Lake Baikal in the face of rapid environmental changes. *Vavilov Journal of Genetics and Breeding*, 26(1), 86.
8. Romanova, E. V., Bukin, Y. S., Mikhailov, K. V., Logacheva, M. D., Aleoshin, V. V., & Sherbakov, D. Y. (2021). The Mitochondrial Genome of a Freshwater Pelagic Amphipod *Macrohectopus branickii* is among the longest in Metazoa. *Genes*, 12(12), 2030.
9. Poroshina, A. A., & Sherbakov, D. Y. (2021). Influence of breeding strategy on genetic diversity of individuals. *Limnology and Freshwater Biology*, 1168-1174.
10. Romanova, E. V., Bukin, Y. S., Mikhailov, K. V., Logacheva, M. D., Aleoshin, V. V., & Sherbakov, D. Y. (2020). Hidden cases of tRNA gene duplication and remodeling in mitochondrial genomes of amphipods. *Molecular phylogenetics and evolution*, 144, 106710.