

**Список публикаций оппонента к.б.н. Юдкина Д.В.
по теме оппонируемой диссертации.**

1. Kolesnikova I.S., Dol'skiy A.A., Lemskaya N.A., Maksimova Y.V., Shorina A.R., Graphodatsky A.S., Galanina E.M., Yudkin D.V. Alteration of rRNA gene copy number and expression in patients with intellectual disability and heteromorphic acrocentric chromosomes. // *Egyptian Journal of Medical Human Genetics*. 2018. V. 19. N. 2. P. 129-134.
2. Dol'skiy A.A., Lemskaya N.A., Maksimova Y.V., Shorina A.R., Kolesnikova I.S., Yudkin D.V. Robertsonian translocation 13/14 associated with rRNA genes overexpression and intellectual disability // *Egyptian Journal of Medical Human Genetics*. 2018. V. 19. N. 2. P. 141-145.
3. Kolesnikova I.S., Dol'skiy A.A., Lemskaya N.A., Maksimova Y.V., Shorina A.R., Telepova A.S., Graphodatsky A.S., Yudkin D.V. Elevated expression and amplification of rRNA genes in a mentally retarded child with 13p+ abnormal chromosome: a familial case study. // *European Journal of Human Genetics*. 2018. V. 26. P. 931-932.
4. Yudkin D.V., Grishchenko I.V., Tulupov A.A., Rymareva Y.M., Maksimova Y.V., Shorina A.R. Somatic instability of CGG repeats in the FMR1 gene is a factor in symptom severity in Fragile X syndrome patients. // *European Journal of Human Genetics*. 2019 V. 27. P. 1387-1388.
5. Shitik E.M., Velmiskina A.A., Dol'skiy A.A., Yudkin D.V. Reactivation of FMR1 gene expression is a promising strategy for fragile X syndrome therapy. // *Gene Therapy*. 2020. V. 27. N. 6. P. 247-253.
6. Grishchenko I.V., Purvinsh Y.V., Yudkin D.V. Mystery of expansion: DNA metabolism and unstable repeats. // *Mechanisms of Genome Protection and Repair*. 2020. V. 1241. P. 101-124.
7. Dol'skiy A.A., Grishchenko I.V., Yudkin D.V. Cell cultures for virology: usability, advantages, and prospects. // *International journal of molecular sciences*. 2020. V. 21. N. 21. P. 7978.
8. Dol'skiy A.A., Yarushkin A.A., Grishchenko I.V., Lemskaya N.A., Pindyurin A.V., Boldyreva L.V., Pustyl'nyak V.O., Yudkin D.V. miRNA expression and interaction with the 3' UTR of FMR1 in FRAXopathy pathogenesis // *Non-coding RNA research*. 2021. V. 6. N. 1. P. 1-7.
9. Dol'skiy A.A., Bodnev S.A., Nazarenko A.A., Smirnova A.M., Pyankova O.G., Matveeva A.K., Grishchenko I.V., Tregubchak T.V., Pyankov O.V., Ryzhikov A.B., Gavrilova E.V., Maksyutov R.A., Yudkin D.V. Deletion of BST2 cytoplasmic and transmembrane N-terminal domains results in SARS-CoV, SARS-CoV-2, and influenza virus production suppression in a vero cell line. // *Frontiers in Molecular Biosciences*. 2020. V. 7. P. 616798.
10. Dol'skiy A.A., Krainikova L.V., Pindyurin A.V., Boldyreva L.V., Yudkin D.V. Human FMR1 gene expression regulation by microRNA in a cellular model. // *European Journal of Human Genetics*. 2020. V. 28. N. 1. P. 337.
11. Grishchenko I.V., Purvinsh Y.V., Imatdinov I.R., Kulemzin S.V., Yudkin D.V. Cell system with inducible transcription for the study of CGG repeat instability. // *European Journal of Human Genetics*. 2020. V. 28, N. 1. P. 359.

12. Lemskaya N.A., Romanenko S.A., Maksimova Y.V., Shorina A.R., Yudkin, D.V. Identification of satellited markers by microdissection and fluorescence in situ hybridization: a clinical case of isodicentric chromosome 22. // Egyptian Journal of Medical Human Genetics. 2021. V. 22. N. 1. P. 1-4.
13. Lemskaya N.A., Romanenko S.A., Rezakova M.A., Filimonova E.A., Prokopov D.Yu., Dol'skiy A.A., Perelman P.L., Maksimova Y.V., Shorina A.R., Yudkin D.V., A rare familial rearrangement of chromosomes 9 and 15 associated with intellectual disability: a clinical and molecular study. // Molecular cytogenetics. 2021. V. 14. N. 1. P. 1-13
14. Gridina M.M., Shitik E.M., Lemskaya N.A., Minina J.M., Grishchenko I.V., Dol'skiy A.A., Shorina A.R., Maksimova Y.V., Yudkin D.V. Derivation of iPS cell line (ICGi032-A) from a patient affected with fragile X syndrome. // Stem Cell Research. 2021. V. 57. P. 102615.
15. Dol'skiy A.A. Gudymo A.S., Taranov O.S., Grishchenko I.V., Shitik E.M., Prokopov D.Yu., Soldatov V.O., Sobolevskaya E.V., Bodnev S.A., Danilchenko N.V., Moiseeva A.A., Torzhkova P.Y., Bulanovich Y.A., Onhonova G.S., Ivleva E.K., Kubekina M.V., Belykh A.E., Tregubchak T.V., Ryzhikov A.B., Gavrilova E.V., Maksyutov R.A., Deykin A.V., Yudkin D.V. The Tissue Distribution of SARS-CoV-2 in Transgenic Mice With Inducible Ubiquitous Expression of hACE2. // Frontiers in molecular biosciences 2021. V. 8. P. 821506.