

Список основных публикаций Журавлевой Г.А. по профилю оппонируемой диссертации в рецензируемых научных изданиях за последние 5 лет:

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2. Trubitsina, N., Zemlyanko, O., Moskalenko, S., and Zhouravleva, G. 2019. From past to future: suppressor mutations in yeast genes encoding translation termination factors. *Bio. Comm.* 64(2): 89–109.
3. Danilov LG, Matveenko AG, Ryzhkova VE, Belousov MV, Poleshuk OI, Likholetova DV, Sokolov PA, Kasyanenko NA., Kajava AV, Zhouravleva GA., Bondarev SA. Design of a new [PSI<sup>+</sup>]-no-more mutation in SUP35 with strong inhibitory effect on the [PSI<sup>+</sup>] prion propagation. *Frontiers in Molecular Neuroscience*. 2019.
4. Trubitsina N.P., Zemlyanko O.M., Bondarev S.A., Zhouravleva G.A. Nonsense Mutations in the Yeast SUP35 Gene Affect the [PSI<sup>+</sup>] Prion Propagation *Int. J. Mol. Sci.* **2020**, 21(5), 1648.
5. Drozdova PB, Barbitoff YA, Belousov MV, Skitchenko RK, Rogoza TM, Leclercq JY, Kajava AV, Matveenko AG, Zhouravleva GA, Bondarev SA. Estimation of amyloid aggregate sizes with semi-denaturing detergent agarose gel electrophoresis and its limitations. *Prion*. **2020** 14(1):118-128.
6. Barbitoff YA, Matveenko AG, Bondarev SA, Maksiutenko EM, Kulikova AV, Zhouravleva GA. Quantitative assessment of chaperone binding to amyloid aggregates identifies specificity of Hsp40 interaction with yeast prion fibrils. *FEMS Yeast Res.* **2020** May 7:foaa025.
7. Barbitoff YA, Matveenko AG, Matiiv AB, Maksiutenko EM, Moskalenko SE, Drozdova PB, Polev DE, Beliavskaia AY, Danilov LG, Predeus AV, Zhouravleva GA. Chromosome-level genome assembly and structural variant analysis of two laboratory yeast strains from the Peterhof Genetic Collection lineage. *G3: Genes, Genomes, Genetics*. 2021. G3 (Bethesda). 2021 Apr 15;11(4):jkab029.
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9. Maksiutenko EM, Barbitoff YA, Matveenko AG, Moskalenko SE, Zhouravleva GA. Gene Amplification as a Mechanism of Yeast Adaptation to Nonsense Mutations in Release Factor Genes. *2021 Genes (Basel)*. Dec 19;12(12):2019. IF 4.096.
10. Barbitoff YA, Matveenko AG, Zhouravleva GA. Differential Interactions of Molecular Chaperones and Yeast Prions. *J Fungi (Basel)*. 2022 Jan 27;8(2):122.
11. Журавлева, Г. А., Бондарев, С. А., Землянко, О. М., Москаленко, С. Е. 2022. Роль белков, взаимодействующих с факторами терминации трансляции eRF1 и eRF3, в регуляции трансляции и прионизации. *Молекулярная биология*, т.52, стр. 206-226.
12. Matveenko, A.G.; Ryzhkova, V.E.; Zaytseva, N.A.; Danilov, L.G.; Mikhailichenko, A.S.; Barbitoff, Y.A.; Zhouravleva, G.A. Processing of Fluorescent Proteins May Prevent Detection of Prion Particles in [PSI<sup>+</sup>] Cells. *Biology* **2022**, 11, 1688. <https://doi.org/10.3390/biology11121688> IF 5,168

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