

**Список публикаций Манухова Ильи Владимировича по теме оппонируемой
диссертации:**

- 1) Vlasov, A. V., Osipov, S. D., Bondarev, N. A., Uversky, V. N., Borshchevskiy, V. I., Yanyushin, M. F., ... & Gordeliy, V. I. ATP synthase FOF1 structure, function, and structurebased drug design. *Cellular and Molecular Life Sciences*, 2022. doi: 10.1007/s00018-022-04153-0
- 2) Gnuchikh, E. Y., Manukhov, I. V., & Zavilgelsky, G. B. Biosensors to Assess the Activity of Promoters and Chaperones in *Bacillus subtilis* Cells. *Applied Biochemistry and Microbiology*, 2021. doi: 10.1134/S0003683821080020
- 3) Bazhenov, S., Melkina, O., Fomin, V., Scheglova, E., Krasnik, P., Khrulnova, S., ... & Manukhov, I. LitR directly upregulates autoinducer synthesis and luminescence in *Aliivibriologe*. *PeerJ*, 2021. doi: 10.7717/peerj.12030
- 4) Kessenikh, A. G., Novoyatlova, U. S., Bazhenov, S. V., Stepanova, E. A., Khrulnova, S. A., Gnuchikh, E. Y., ... & Manukhov, I. V. Constructing of *Bacillus subtilis*-Based Lux-Biosensors with the Use of Stress-Inducible Promoters. *International journal of molecular sciences*, 2021. doi: 10.3390/ijms22179571
- 5) Bazhenov, S., Novoyatlova, U., Scheglova, E., Fomin, V., Khrulnova, S., Melkina, O., ... & Manukhov, I. Influence of the luxR regulatory gene dosage and expression level on the sensitivity of the whole-cell biosensor to acyl-homoserine lactone. *Biosensors*, 2021. doi:doi.org/10.3390/bios11060166
- 6) Kessenikh, A., Gnuchikh, E., Bazhenov, S., Bermeshev, M., Pevgov, V., Samoilov, V., ... & Manukhov, I. Genotoxic effect of 2, 2'-bis (bicyclo [2.2. 1] heptane) on bacterial cells. *Plos one*, 2020. doi: 10.1371/journal.pone.0228525
- 7) Vlasov, A. V., Maliar, N. L., Bazhenov, S. V., Nikelshparg, E. I., Brazhe, N. A., Vlasova, A. D., ... & Gordeliy, V. I. Raman scattering: from structural biology to medical applications. *Crystals*, 2020. doi: 10.3390/crust10010038
- 8) Melkina, O. E., Goryanin, I. I., Bazhenov, S. V., Manukhov, I. V., & Zavilgelsky, G. B. Comparative analysis of *Aliivibrio logei* luxR1 and luxR2 genes regulation in *Escherichia coli* cells. *Archives of Microbiology*, 2019. doi: 10.1007/s00203-019-01691-3
- 9) Pokrovsky, V. S., Yu Anisimova, N., Zh Davydov, D., Bazhenov, S. V., Bulushova, N. V., Zavilgelsky, G. B., ... & Manukhov, I. V. Methionine gamma lyase from *Clostridium sporogenes* increases the anticancer effect of doxorubicin in A549 cells and human cancer xenografts. *Investigational New Drugs*, 2019. doi: 10.1007/s10637-018-0619-4
- 10) Karimov, I. F., Kondrashova, K. S., Kulikova, N. A., & Manukhov, I. V. Effects of antioxidant molecules on sensor and reporter luminescent strains. *Applied Biochemistry and Microbiology*, 2019. doi: 10.1007/978-1-4939-8796-2_18

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дата 06.12.2023

Подпись Манухова И.В. заверяю

ПОДПИСЬ РУКИ

ЗАВЕРЯЮ:

АДМИНИСТРАТОР КАНЦЕЛЯРИИ

АДМИНИСТРАТИВНОГО ОТДЕЛА

О. А. КОРАБЛЕВА

