

**Список публикаций к.б.н. Нуриддинова Мирослава  
Абдурахимовича по профилю оппонируемой диссертации в  
рецензируемых научных изданиях за последние 5 лет**

1. Torgasheva A, Malinovskaya L, **Nuriddinov M**, Zadesenets KS, Gridina M, Nurislamov A, Korableva S, Pristyzhnyuk I, Proskuryakova A, Tishakova KV, Rubtsov NB, Fishman VS, Borodin P. An Exceptionally Complex Chromosome Rearrangement in the Great Tit (*Parus major*): Genetic Composition, Meiotic Behavior and Population Frequency // *Cells*. – 2025. – Т. 15. – №. 1. – С. 52. <https://doi.org/10.3390/cells15010052>
2. **Nuriddinov M**, Belokopytova P, Fishman V. Charm is a flexible pipeline to simulate chromosomal rearrangements on Hi-C-like data // *NAR Genomics and Bioinformatics*. – 2025. – Т. 7. – №. 2. – С. lqaf081. <https://doi.org/10.1093/nargab/lqaf081>
3. Lukyanchikova V, **Nuriddinov M**, Khabarova A, Gridina M, Popov A, Belokopytova P, Sharakhov IV, Fishman V. Chromatin landscape, transcriptomic and ChIP-seq profiling of *Anopheles stephensi* MSQ43 cell line // *Scientific Data*. – 2025. – Т. 12. – №. 1. – С. 1566. <https://doi.org/10.1038/s41597-025-05721-2>
4. Gridina M, Lagunov T, Belokopytova P, Torgunakov N, **Nuriddinov M**, Nurislamov A, Nazarenko LP, Kashevarova AA, Lopatkina ME, Vasilyev S, Zuev A, Belyaeva EO, Salyukova OA, Cheremnykh AD, Sukhanova NN, Minzhenkova ME, Markova ZG, Demina NA, Stepanchuk Y, Khabarova A, Yan A, Valeev E, Koksharova G, Grigor'eva EV, Kokh N, Lukjanova T, Maximova Y, Musatova E, Shabanova E, Kechin A, Khrapov E, Boyarskih U, Ryzhkova O, Suntsova M, Matrosova A, Karoli M, Manakhov A, Filipenko M, Rogaev E, Shilova NV, Lebedev IN, Fishman V. Combining chromosome conformation capture and exome sequencing for simultaneous detection of structural and single-nucleotide variants // *Genome Medicine*. – 2025. – Т. 17. – №. 1. – С. 47. <https://doi.org/10.1186/s13073-025-01471-3>
5. Gridina MM, Stepanchuk YK, **Nuriddinov MA**, Lagunov TA, Torgunakov NY, Shadsky AA, Ryabova AI, Vasiliev NV, Vtorushin SV, Gerashchenko TS, Denisov EV, Travin MA, Korolev MA, Fishman VS. Modification of the Hi-C technology for molecular genetic analysis of formalin-fixed paraffin-embedded sections of tumor tissues // *Biochemistry (Moscow)*. – 2024. – Т. 89. – №. 4. – С. 637-652. <https://doi.org/10.1134/s0006297924040047>
6. Kabirova E, Ryzhkova A, Lukyanchikova V, Khabarova A, Korablev A, Shnaider T, **Nuriddinov M**, Belokopytova P, Smirnov A, Khotskin NV, Kontsevaya G, Serova I, Battulin N. TAD border deletion at the *Kit* locus causes tissue-specific ectopic activation of a neighboring gene // *Nature communications*. – 2024. – Т. 15. – №. 1. – С. 4521. <https://doi.org/10.1038/s41467-024-48523-7>
7. Maslova A, Plotnikov V, **Nuriddinov M**, Gridina M, Fishman V, Krasikova A. Hi-C analysis of genomic contacts revealed karyotype abnormalities in chicken HD3 cell line // *BMC genomics*. – 2023. – Т. 24. – №. 1. – С. 66. <https://doi.org/10.1186/s12864-023-09158-y>
8. Lukyanchikova V, **Nuriddinov M**, Belokopytova P, Taskina A, Liang J, Reijnders MJMF, Ruzzante L, Feron R, Waterhouse RM, Wu Y, Mao C, Tu Z, Sharakhov IV, Fishman V. *Anopheles* mosquitoes reveal new principles of 3D genome organization in insects // *Nature communications*. – 2022. – Т. 13. – №. 1. – С. 1960. <https://doi.org/10.1038/s41467-022-29599-5>