

Список публикаций оппонента
к.б.н. Артемова Глеба Николаевича
по теме оппонируемой диссертации

1. Neafsey, D.E. et al., 2015. Mosquito genomics. Highly evolvable malaria vectors: the genomes of 16 *Anopheles* mosquitoes. *Science*, 347(6217), p.1258522. (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4380271/>)
2. Artemov, G.N. et al., 2015. A standard photomap of ovarian nurse cell chromosomes in the European malaria vector *Anopheles atroparvus*. *Medical and veterinary entomology*, 29(3), pp.230–237. (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4515173/>)
3. Artemov, G. et al., 2015. Tissue-specific differences in the spatial interposition of X-chromosome and 3R chromosome regions in the malaria mosquito *Anopheles messeae* Fall. *PloS one*, 10(2), e0115281. (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4324937/>)
4. Artemov G.N., Vasil`eva O.Y., Stegniy V.N. 2015. Comparative Analysis of DNA Sequences of Regions of X Chromosome Attachment to the Nuclear Envelope of Nurse Cells *Anopheles messeae* Fall. *Rus. J. of Genetics*, 51(7), P.702-706. (<https://link.springer.com/article/10.1134/S1022795415060022>)
5. Sharakhov, I.V., Artemov, G.N., Sharakhova, M.V. Chromosome evolution in malaria mosquitoes inferred from physically mapped genome assemblies // *J Bioinform Comput Biol.* 2016 Apr;14(2):1630003. (<https://www.ncbi.nlm.nih.gov/pubmed/27021248>)
6. Bondarenko, S.M., Artemov, G.N., Sharakhov, I.V., Stegniy, V.N. Tissue-specific features of the chromosome and nucleolus spatial dynamics in a malaria mosquito, *Anopheles atroparvus* // *PLoS One*. 2017; 12(2): e0171290. (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5291520/>)
7. Artemov, GN ; Peery, AN; Jiang, XF ; Tu, ZJ; Stegniy, VN; Sharakhova, MV; Sharakhov, IV. The Physical Genome Mapping of *Anopheles albimanus* Corrected Scaffold Misassemblies and Identified Interarm Rearrangements in Genus *Anopheles* // *G3* (Bethesda). 2017 Jan; 7(1): 155–164. (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5217105/>)
8. Шарахов И.В., Г.Н. Артемов, М.В. Шарахова, С.М. Бондаренко, В.В. Широкова, В.Н. Стегний. Пространственная организация хромосом малярийных комаров // Цитология, 2016. Т. 58, № 4. Стр. 315-318. (http://www.tsitologiya.cytspb.rssi.ru/58_4/artemov.pdf)

9. Wasserlauf, I., Usov, K., Artemov, G., Anan'ina, T., & Stegnyi, V. (2015). Specific features in linear and spatial organizations of pericentromeric heterochromatin regions in polytene chromosomes of the closely related species *Drosophila virilis* and *D. kanekoi* (Diptera: Drosophilidae). *Genetica*, 143(3), 331-342. (<https://www.ncbi.nlm.nih.gov/pubmed/25721230>)