

**Список публикаций оппонента  
Проскурякой Анастасии Андреевны  
к.б.н., старшего научного сотрудника лаборатории  
цитогенетики животных, ФГБУН Институт молекулярной  
и клеточной биологии СО РАН  
по теме оппонируемой диссертации**

1. Proskuryakova AA, Kulemzina AI, Perelman PL, Yudkin DV, Lemskaya NA, Okhlopkov IM, Kirillin EV, Farré M, Larkin DM, Roelke-Parker ME, O'Brien SJ, Bush M, Graphodatsky AS. Comparative chromosome mapping of musk ox and the X chromosome among some bovidae species. (doi: 10.3390/genes10110857). *Genes* 10(11): 857, 2019
2. Farré M, Kim J, Proskuryakova AA, Zhang Y, Kulemzina AI, Li Q, Zhou Y, Xiong Y, Johnson JL, Perelman P, Johnson WE, Warren WC, Kukekova AV, Zhang G, O'Brien SJ, Ryder OA, Graphodatsky AS, Ma J, Lewin HA, Larkin DM. Evolution of gene regulation in ruminants differs between evolutionary breakpoint regions and homologous synteny blocks. (doi: 10.1101/gr.239863.118) *Genome Res* 29(4): 576-589, 2019
3. Elbers JP, Rogers MF, Perelman PL, Proskuryakova AA, Serdyukova NA, Johnson WE, Horin P, Corander J, Murphy D, Burger PA. Improving Illumina assemblies with Hi- C and long reads: an example with the North African dromedary. (doi: 10.1111/1755-0998.13020) *Mol Ecol Resour* 19(4): 1015-1026, 2019
4. Farré M, Li Q, Darolti I, Zhou Y, Damas J, Proskuryakova AA, Kulemzina AI, Chemnick LG, Kim J, Ryder OA, Ma J, Graphodatsky AS, Zhang G, Larkin DM, Lewin HA. An integrated chromosome-scale genome assembly of the Masai giraffe (*Giraffa camelopardalis tippelskirchi*). (doi: 10.1093/gigascience/giz090). *GigaScience* 8(8): giz090, 2019
5. Beklemisheva VR, Perelman PL, Lemskaya NA, Proskuryakova AA, Serdyukova NA, Burkanov VN, Gorshunov MB, Ryder O, Thompson M, Lento G, O'Brien SJ, Graphodatsky AS. Karyotype evolution in 10 pinniped species: variability of heterochromatin versus high conservatism of euchromatin as revealed by comparative molecular cytogenetics. (doi: 10.3390/genes11121485) *Genes* 11(12): 1485, 2020
6. Scardino R, Milioto V, Proskuryakova AA, Serdyukova NA, Perelman PL, Dumas F. Evolution of the human chromosome 13 synteny: evolutionary rearrangements, plasticity, human disease genes and cancer breakpoints. (doi: 10.3390/genes11040383). *Genes* 11(4): 383, 2020
7. Билтуева ЛС, Перельман ПЛ, Проскурякова АА, Лемская НА, Сердюкова НА, Графодатский АС. Хромосомы индийского мунтжака (*Muntiacus muntjak*). Возвращение. (doi: 10.31857/S0041377120050016). *Цитология* 62(5): 316–321, 2020

8. Никитин СВ, Князев СП, Трифонов ВА, Проскурякова АА, Шмидт ЮД, Шатохин КС, Запорожец ВИ, Башур ДС, Коршунова ЕВ, Ермолаев ВИ. Необычная врожденная полидактилия мини-свиней селекционной группы ИЦиГ СО РАН. (doi: 10.18699/VJ21.074) Вавиловский журнал генетики и селекции 25(6): 652-660, 2021
9. Romanenko SA, Prokopov DY, Proskuryakova AA, Davletshina GI, Tupikin AE, Kasai F, Ferguson-Smith MA, Trifonov VA. The cytogenetic map of the Nile crocodile (*Crocodylus niloticus*, Crocodylidae, Reptilia) with fluorescence in situ localization of major repetitive DNAs. (doi: 10.3390/ijms232113063) Int J Mol Sci 23(21): 13063, 2022
10. Proskuryakova AA, Ivanova ES, Perelman PL, Ferguson-Smith MA, Yang F, Okhlopkov IM, Graphodatsky AS. Comparative studies of karyotypes in the Cervidae family. (doi: 10.1159/000527349) Cytogenet Genome Res, 2022
11. Beklemisheva VR, Lemskaya NA, Prokopov DY, Perelman PL, Romanenko SA, Proskuryakova AA, Serdyukova NA, Utkin YA, Nie W, Ferguson-Smith MA, Fentang Y, Graphodatsky AS. Maps of constitutive-heterochromatin distribution for four martens species (Mustelidae, Carnivora, Mammalia) show the formative role of macrosatellite repeats in interspecific variation of chromosome structure. (doi: 10.3390/genes14020489) Genes 14(2): 489, 2023
12. Proskuryakova AA, Ivanova ES, Makunin AI, Larkin DM, Ferguson-Smith MA, Yang F, Uphyrkina OV, Perelman PL, Graphodatsky AS. Comparative studies of X chromosomes in Cervidae family. (doi.org/10.1038/s41598-023-39088-4) Sci Rep 13: 11992, 2023