

Список публикаций за последние пять лет

д.б.н. в.н.с. Мироновой Н.Л. по теме оппонируемой диссертации

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2. Mohamed I.S.E., Sen'kova A.V., Nadyrova A.I., Savin I.A., Markov A.V., Mitkevich V.A., Makarov A.A., Ilinskaya O.N., Mironova N.L., Zenkova M.A. Antitumour activity of the ribonuclease binase from *Bacillus pumilus* in the RLS₄₀ tumour model is associated with the reorganisation of the miRNA network and reversion of cancer-related cascades to normal functioning. *Biomolecules*, 2020, 10(11), E1509. doi: 10.3390/biom10111509.
2. Alekseeva L., Sen'kova A., Savin I., Zenkova M., Mironova N. Human recombinant DNase I (Pulmozyme®) inhibits lung metastases in murine metastatic B16 melanoma model that correlates with restoration of the DNase activity and the decrease SINE/LINE and c-Myc fragments in blood cell-free DNA. *Int. J. Mol. Sci.*, 2021, 22(21), 12074; <https://doi.org/10.3390/ijms222112074>
4. Kupryushkin M.S., Filatov A.V., Mironova N.L., Patutina O.A., Chernikov I.V., Chernolovskaya E.L., Zenkova M.A., Pyshnyi D.V., Stetsenko D.A., Altman S., Vlassov V.V. Antisense oligonucleotide gapmers containing phosphoryl guanidine groups reverse MDR1 mediated multiple drug resistance of tumor cells. *Mol. Ther. Nucleic Acids*. 2022, 27: 211-226. doi: 10.1016/j.omtn.2021.11.025.
5. Markov O.V., Sen'kova A.V., Mohamed I.S., Shmendel E.V., Maslov M.A., Oshchepkova A.L., Brenner E.V., Mironova N.L., Zenkova M.A. Dendritic cell-derived artificial microvesicles inhibit RLS₄₀ lymphosarcoma growth in mice via stimulation of Th1/Th17 immune response. *Pharmaceutics*, 2022, 14:2542. doi: 10.3390/pharmaceutics14112542
6. Sounbuli K., Alekseeva L.A., Markov O.V., Mironova N.L. A Comparative Study of Different Protocols for Isolation of Murine Neutrophils from Bone Marrow and Spleen. *Int. J. Mol. Sci.*, 2023, 24(24):17273. doi: 10.3390/ijms242417273.
7. Filatova A.A., Alekseeva L.A., Sen'kova A.V., Savin I.A., Sounbuli Kh., Zenkova M.A. and Mironova N.L. Tumor- and Fibroblast-Derived Cell-Free DNAs Differently Affect the Progression of B16 Melanoma In Vitro and In Vivo. *Int. J. Mol. Sci.*, 2024, 25:5304. [Doi.org/10.3390/ijms25105304](https://doi.org/10.3390/ijms25105304).
8. Alekseeva L.A., Sen'kova A.V., Sounbuli K., Savin I.A., Zenkova M.A., Mironova N.L. Pulmozyme ameliorates LPS-induced lung fibrosis but provokes residual inflammation by modulating cell-free DNA composition and controlling neutrophil phenotype. *Biomolecules*, 2025, 15(2):298. doi: 10.3390/biom15020298.