

Сведения об официальном оппоненте

Гуляева Людмила Федоровна, доктор биологических наук, специальность 03.01.03 – молекулярная биология, профессор, зав. лабораторией, Федеральное государственное бюджетное научное учреждение «Федеральный исследовательский центр фундаментальной и трансляционной медицины»

Список основных публикаций по теме диссертации за последние 5 лет:

1. Chanyshhev M.D., Razumova Y.V., Ovchinnikov V.Y., Gulyaeva L.F. MiR-21 regulates the ACAT1 gene in MCF-7 cells. *Life Sci.* 2018; 209:173-178. doi: 10.1016/j.lfs.2018.08.010
2. Ovchinnikov V.Y. Antonets D.V. Gulyaeva L.F. The search of CAR, AhR, ESRs binding sites in promoters of intronic and intergenic microRNA. *J. Bioinform. Comput. Biol.* 2018; 16 (1): 1750029 (20 pages) World Scientific Publishing Europe Ltd. DOI: 10.1142/S0219720017500299.
3. Nushtaeva A.A., Karpushina A.A., Ermakov M.S., Gulyaeva L.F., Gerasimov A.V., Sidorov S.V., Gayner T.A., Yunusova T.Yu., Tkachenko A.V., Richter V.A., Koval A.A. Establishment of primary human breast cancer cell lines using “pulsed hypoxia” method and development of metastatic tumor model in immunodeficient mice. *Cancer Cell Int.* 2019; 19:46
<https://doi.org/10.1186/s12935-019-0766-5>.
4. Artymuk N.,Zotova O. Gulyaeva L. Adenomyosis: genetics of estrogen metabolism. «Hormone Molecular Biology and Clinical Investigation» (HMBCI). 2019;37(2). pii: /j/hmbci.2019.37.issue-2/hmbci-2018-0069/hmbci-2018-0069.xml. doi: 10.1515/hmbci-2018-0069.
5. Chanyshhev M.D. Yarushkin A.A. Koldysheva E.V. Lushnikova E.L., Gulyaeva L.F. Downregulation of Acat1 by miR-21 may participate in liver fibrosis upon chronic DDT exposure. *Toxicol Mechanism Methods.* 2020; 30:562-569.
DOI: 10.1080/15376516.2020.1777493.
6. Kalinina T.S., Kononchuk V.V., Sidorov S.V., Gulyaeva L.F. Analysis of prolactin receptor expression in breast cancer subtypes. *Biochemistry Moscow-Supplement series B- Biomedical Chemistry*, 2020; 14: 266- 271.
<https://doi.org/10.1134/S1990750820030063>.
7. Boyarskikh U. Gulyaeva L. Avdalyan AM. Kechin A. Khrapov E. Lazareva D. Kushlinskii N. Melkonyan A. Arakelyan A. Filipenko ML. P53 mutations spectrum in BRCA1/2 associated serous ovarian cancer. *Frontiers Oncol. Section Mol. Cell. Oncol.* 2020; 10: Article 1103. DOI: 10.3389/fonc.2020.01103.

8. Pustylnyak Y.A., Gulyaeva L.F., Pustylnyak V.O. Noncanonical constitutive androstane receptor signaling in gene regulation. *Int. J. Mol. Sci.* 2020; 21: 6735; doi:10.3390/ijms21186735.
9. Jurisic V., Vukovic V., Obradovic J., Gulyaeva L.F., Kushlinskii N.E., Djordjević N. *EGFR* polymorphism and survival of NSCLC patients treated with TKIs: A systematic review and meta-analysis. *J Oncol.* 2020 Mar 18; 2020:1973241. doi: 10.1155/2020/1973241.
10. Kalinina T.S., Kononchuk V.V., Gulyaeva L.F. Expression of estrogen-, progesterone-, and androgen-responsive genes in MCF-7 and MDA-MB-231 cells treated with o,p'-DDT, p,p'-DDT, or endosulfan. *J Biochem Mol Toxicol.* 2021; 35(6):1-8. doi: 10.1002/jbt.22773.
11. Perevalova A.M., Kobelev V.S., Sisakyan V.G., Gulyaeva L.F., Pustylnyak V.O. Role of tumor suppressor PTEN and its regulation in malignant transformation of endometrium. *Biochemistry (Mosc).* 2022;87(11):1310-1326. doi: 10.1134/S0006297922110104.
12. Akhmetova D.A, Kozlov V.V, Gulyaeva L.F. New insight into the role of AhR in lung carcinogenesis. *Biochemistry (Mosc).* 2022;87(11):1219-1225. doi: 10.1134/S0006297922110013.PMID: 36509717.