

д.б.н., профессор **Гришанова Алевтина Юрьевна**, руководитель лаборатории биохимии чужеродных соединений ФГБНУ «Федеральный исследовательский центр фундаментальной и трансляционной медицины» (ФИЦ ФТМ), НИИ молекулярной биологии и биофизики (г. Новосибирск);

Список публикаций по теме оппонируемой диссертации (2026-2021 г.):

1. **Alevtina Y Grishanova**, Maria L Perepechaeva. Drug-Induced Glucose Metabolism Disorders: Role of Aryl Hydrocarbon Receptor // J Xenobiot. 2025; 15(6):206. doi: 10.3390/jox15060206.
2. **Alevtina Y Grishanova**, Maria L Perepechaeva. Kynurenic Acid/AhR Signaling at the Junction of Inflammation and Cardiovascular Diseases // Int J Mol Sci. 2024; 25(13):6933. doi: 10.3390/ijms25136933.
3. Maria L Perepechaeva, Natalia A Stefanova, **Alevtina Y Grishanova**, Nataliya G Kolosova. The Expression of Genes CYP1A1, CYP1B1, and CYP2J3 in Distinct Regions of the Heart and Its Possible Contribution to the Development of Hypertension // Biomedicines. 2024; 12(10):2374. doi: 10.3390/biomedicines12102374.
4. Vavilin VA, Goreva OB, Shebunyaeva YaYu, Makarova SI, Voitko MS, **Grishanova AY**, Pospelova TI. Interaction of CYP3A4, CYP3A5, CYP1A1 and CYP2B6 genes in the development of organotoxic effects of chemotherapy in patients with Hodgkin's lymphoma. // Pharmacogenetics and pharmacogenomics. 2024; (1):31–43. <https://doi.org/10.37489/2588-0527-2024-1-31-43>.
5. Klyushova, L. S., Vavilin, V. A., **Grishanova, A. Yu**. The cytotoxic and antiproliferative properties of ruthenium nitrosyl complexes and their modulation effect on cytochrome P450 in the HepG2 cell line. // Biomeditsinskaya Khimiy. 202). 70(1): 33-40.
6. **Alevtina Y Grishanova**, Lyubov S Klyushova, Maria L Perepechaeva. AhR and Wnt/ β -Catenin Signaling Pathways and Their Interplay // Curr Issues Mol Biol. 2023;45(5):3848-3876. doi: 10.3390/cimb45050248.
7. Maria L Perepechaeva, Lyubov S Klyushova, **Alevtina Y Grishanova**. AhR and HIF-1 α Signaling Pathways in Benign Meningioma under Hypoxia // Int J Cell Biol. 2023; 2023:6840271. doi: 10.1155/2023/6840271.
8. M L Perepechaeva, A A Studenikina, **A Yu Grishanova**, A N Glushkov, E G Polenok, P V Bajramov, A I Autenshlyus. Serum miR-181a and miR-25 in patients with malignant and benign breast diseases // Biomed Khim. 2023; 69(5):307-314. doi: 10.18097/PBMC20236905307
9. A I Autenshlyus, M L Perepechaeva, A A Studenikina, **A Y Grishanova**, V V Lyakhovich. Serum miR-181a and miR-25 Levels in Patients with Breast Cancer

or Benign Breast Disease // Dokl Biochem Biophys. 2023; 512(1):279-283. doi: 10.1134/S1607672923700436.

10. **Grishanova, A. Y.**; Perepechaeva, M. L. Aryl hydrocarbon receptor in oxidative stress as a double agent and its biological and therapeutic significance // International Journal of Molecular Sciences. 2022; 23: 6719. doi: 10.3390/ijms23126719

11. Klyushova L. S., Kandalintseva N. V., **Grishanova A. Y.** Antioxidant activity of new sulphur- and selenium-containing analogues of potassium phenosan against H₂O₂-induced cytotoxicity in tumour cells // Curr. Issues. Mol. Biol. 2022; 44(7): 3131-3145. DOI: 10.3390/cimb44070216

12. Klyushova L.S., Perepechaeva M.L., **Grishanova A.Y.** The Role of CYP3A in Health and Disease // Biomedicines. 2022; 10(11): 2686. DOI: 10.3390/biomedicines10112686