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Адрес

Федеральное государственное бюджетное учреждение науки Институт биоорганической химии им. академиков М.М. Шемякина и Ю.А. Овчинникова Российской академии наук, Москва, Россия

Контакты

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Работа в ИБХ

2005–наст.вр.

Младший научный сотрудник

Навыки

Работаю с культурами клеток с 2003 года, с большим количеством разных клеточных линий одновременно - с 2014 года. Составляю коллекцию клеточных линий, клетки для которой выращиваются по правилам клеточного банка, т.е. без антибиотиков и при максимально возможном исключении взаимной контаминации линий.

Также владею методами: проточная цитометрия, МТТ-тест, ИФА, измерение уровня АТФ при помощи хемилюминесценции.

Владение языками

русский, английский

Научные интересы

Иммунология, клеточные линии, банк клеток

Публикации

1. Palamarchuk AI, Ustiuzhanina MO, Velichinskii RA, Vavilova JD, **Grechikhina MV**, Kovalenko EI, Streltsova MA (2026). Interplay of telomerase non-canonical functions in NK cell resistance to iCasp9-mediated apoptosis. *Cell Death Discov* , , [10.1038/s41420-026-03183-y](https://doi.org/10.1038/s41420-026-03183-y)
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4. Streltsova MA, Boyko AA, Alekseeva NA, Proshkina GM, Shramova EI, **Grechikhina MV**, Shevchenko MA, Shustova OA, Popodko AI, Konovalova EV, Schulga AA, Sapozhnikov AM, Deyev SM, Kovalenko EI (2025). Genetically modified NK cells equipped with a switchable CAR for the treatment of HER2-positive cancers. *Biochimie* 238 (Pt B), 30–42, [10.1016/j.biochi.2025.07.021](https://doi.org/10.1016/j.biochi.2025.07.021)
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6. Alekseeva NA, Boyko AA, Shevchenko MA, **Grechikhina MV**, Streltsova MA, Alekseeva LG, Sapozhnikov AM, Deyev SM, Kovalenko EI (2024). Three-Dimensional Model Analysis Revealed Differential Cytotoxic Effects of the NK-92 Cell Line and Primary NK Cells on Breast and Ovarian Carcinoma Cell Lines Mediated by Variations in Receptor–Ligand Interactions and Soluble Factor Profiles. *Biomedicines* 12 (10), 2398, [10.3390/biomedicines12102398](https://doi.org/10.3390/biomedicines12102398)
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