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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. Velichinskii RA, Streltsova MA, Vavilova JD, Boyko AA, Belovezhets TN, **Grechikhina MV**, Kovalenko EI (2025). PSCA-CAR-NK cells exert cytotoxic activity against PSCA-expressing tumor cells and are characterized by a specific chemokine profile. *Cytotherapy* , , [10.1016/j.jcyt.2025.08.001](https://doi.org/10.1016/j.jcyt.2025.08.001)
2. Shevchenko MA, Ovsyanikova OV, **Grechikhina MV**, Garbuz DG, Boyko AA, Evgenev MB, Zatsepina OG, Kovalenko EI, Sapozhnikov AM (2025). HSP70-NK and Target Cell Interactions: Implication to the Anticancer Effects. *Biochem (Mosc) Suppl Ser A Membr Cell Biol* 19 (1), 79–83, [10.1134/S1990747824700491](https://doi.org/10.1134/S1990747824700491)
3. 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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