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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. Alekseeva LG, Ovsyanikova OV, Schulga AA, **Grechikhina MV**, Shustova OA, Kovalenko EI, Svirshchevskaya EV, Deyev SM, Sapozhnikov AM (2024). Targeted Delivery of HSP70 to Tumor Cells via Supramolecular Complex Based on HER2-Specific DARPIn9_29 and the Barnase:Barstar Pair. *Cells* 13 (4), , [10.3390/cells13040317](https://doi.org/10.3390/cells13040317)
2. Alekseeva NA, Ustyuzhanina MO, Streltsova MA, **Grechikhina MV**, Lutsenko GV, Kovalenko EI (2023). NK CELL EXPANSION IN VITRO IS FOLLOWED BY LOSS OF INHIBITORY KIR EXPRESSION. *Medical Immunology (Russia)* 25 (3), 441–446, [10.15789/1563-0625-NCE-2845](https://doi.org/10.15789/1563-0625-NCE-2845)
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4. Kalinovskiy DV, Kibardin AV, Kholodenko IV, Svirshchevskaya EV, Doronin II, Konovalova MV, **Grechikhina MV**, Rozov FN, Larin SS, Deyev SM, Kholodenko RV (2022). Therapeutic efficacy of antibody-drug conjugates targeting GD2-positive tumors. *J Immunother Cancer* 10 (6), , [10.1136/jitc-2022-004646](https://doi.org/10.1136/jitc-2022-004646)
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6. Palamarchuk AI, Alekseeva NA, Streltsova MA, Ustyuzhanina MO, Kobzyeva PA, Kust SA, **Grechikhina MV**, Boyko AA, Shustova OA, Sapozhnikov AM, Kovalenko EI (2021). Increased susceptibility of the CD57– NK cells expressing KIR2DL2/3 and NKG2C to iCasp9 gene retroviral transduction and the relationships with proliferative potential, activation degree, and death induction response. *Int J Mol Sci* 22 (24), ,

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8. (конференция) Вавилова ЮД, Бойко АА, **Гречихина МВ**, Коваленко ЕИ, Сапожников АМ (2021). Phenotypic changes in peripheral blood Tlymphocytes in patients with Parkinson's disease. *FEBS Open Bio* , 463, [10.1002/2211-5463.13205](https://doi.org/10.1002/2211-5463.13205)
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