

## Резюме: Гречихина Мария Владимировна

### Адрес

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

### Контакты

<https://www.ibch.ru/users/392>

### 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)
3. Streltsova MA, Boyko AA, Ustyuzhanina MO, Palamarchuk AI, Alekseeva NA, Velichinskii RA, Vavilova JD, **Grechikhina MV**, Sapozhnikov AM, Deev SM, Kovalenko EI (2022). Subpopulation Heterogeneity of NK Cells during the Genetic Modification for Subsequent Use in Targeted Therapy. *Dokl Biochem Biophys* 507 (1), 380–382, [10.1134/S1607672922340142](https://doi.org/10.1134/S1607672922340142)
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)
5. Vavilova JD, Boyko AA, Troyanova NI, Ponomareva NV, Fokin VF, Fedotova EY, Streltsova MA, Kust SA, **Grechikhina MV**, Shustova OA, Azhikina TL, Kovalenko EI, Sapozhnikov AM (2022). Alterations in Proteostasis System Components in Peripheral Blood Mononuclear Cells in Parkinson Disease: Focusing on the HSP70 and p62 Levels. *Biomolecules* 12 (4), , [10.3390/biom12040493](https://doi.org/10.3390/biom12040493)
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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11. Vavilova YD, Boyko AA, Kovalenko EI, **Grechikhina MV**, Shustova OA, Azhikina TL, Sapozhnikov AM (2020). Analysis of the association of the polymorphism of the CLIC1, MSH5, C6orf26, C6orf25 genes with the expression level of the HSPA1B gene. *Medical Immunology (Russia)* 22 (4), 779–784, [10.15789/1563-0625-AOT-1629](https://doi.org/10.15789/1563-0625-AOT-1629)
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15. (конференция) Вавилова ЮД, Бойко АА, Шустова ОА, **Гречихина МВ**, Доронина ЕВ, Троянова НИ, Коваленко ЕИ, Сапожников АМ (2019). A comparative study of apoptosis in peripheral blood leukocytes in patients with Parkinson's disease and healthy donors. *Cell Death Discov* , , <https://doi.org/10.1038/s41420-018-0128-4>
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26. Луценко ГВ, **Гречихина МВ**, Дьячкова ЛГ (2009). О влиянии дефицита аутокринных факторов в культуре на протекание апоптоза в цитотоксических Т-клетках. 30 (1), 4–7.
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36. Луценко ГВ, **Гречихина МВ**, Дьячкова ЛГ (2005). Регуляция уровня АТФ в нормальных и трансформированных Т-клетках аутокринными факторами. 26, 91–95.