

## Резюме: Моисеева Екатерина Викторовна

### 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/ru/users/177>

### Образование

2000–2005	Нидерланды, г. Утрехт	Утрехтский Университет	Аспирантура без отрыва от основной работы в РФ на соискание степени PhD
1972–1977	Москва, СССР	МГУ им. Ломоносова, 1977	специальность-зоолог, специализация - эмбриология

### Работа в ИБХ

2022–наст.вр.	Научный сотрудник
2020–2022	Научный сотрудник

### Научные интересы

1. Взаимодействие иммунной системы и опухоли- онкоиммунология
2. Патоморфология рака молочной железы и лимфом
3. Разработка спонтанных мышинных моделей хронических воспалительных заболеваний человека

### Членство в сообществах

1. Член Европейского общества персонализированной медицины
2. Советник по медицинским вопросам Российской Академии Естествознания (РАЕ)

### Степени и звания

Кандидат наук (Биологические науки)

### Публикации

1. Gracheva I, Konovalova M, Aronov D, **Moiseeva E**, Fedorov A, Svirshchevskaya E (2021). Size-Dependent Biodistribution of Fluorescent Furano-Allocholchicinoid-Chitosan Formulations in Mice. *Polymers (Basel)* 13 (13), 2045, [10.3390/polym13132045](https://doi.org/10.3390/polym13132045)
2. Rapoport EM, **Moiseeva EV**, Aronov DA, Khaidukov SV, Pazynina GV, Tsygankova SV, Ryzhov IM, Belyanchikov IM, Tyrtyshev TV, McCullough KC, Bovin NV (2020). Glycan-binding profile of DC-like cells. *Glycoconj J* 37 (1), 129–138, [10.1007/s10719-019-09897-9](https://doi.org/10.1007/s10719-019-09897-9)
3. Aronov DA, Zhukov VV, Semushina SG, **Moiseeva EV** (2019). Imbalances in cellular immunological parameters in blood predetermine tumor onset in a natural mouse model of breast cancer. *Cancer Immunol Immunother* 68 (5), 721–729, [10.1007/s00262-019-02312-0](https://doi.org/10.1007/s00262-019-02312-0)
4. Semushina SG, Aronov DA, **Moiseeva EV** (2018). Local Interleukin-2 Immunotherapy of Breast Cancer:

Benefit and Risk in a Spontaneous Mouse Model. *Pathol Oncol Res* 25 (3), 945–951, [10.1007/s12253-018-0396-6](https://doi.org/10.1007/s12253-018-0396-6)

5. Alekseeva AA, **Moiseeva EV**, Onishchenko NR, Boldyrev IA, Singin AS, Budko AP, Shprakh ZS, Molotkovsky JG, Vodovozova EL (2017). Liposomal formulation of a methotrexate lipophilic prodrug: Assessment in tumor cells and mouse T-cell leukemic lymphoma. *Int J Nanomedicine* 12, 3735–3749, [10.2147/IJN.S133034](https://doi.org/10.2147/IJN.S133034)
6. **Moiseeva EV**, Beirakhova KA, Semushina SG, Aronov DA, Makarov DA, Esipov RS (2015). Efficiency of Recombinant Thymosin  $\beta$ 4 in Spontaneous Mouse Model of Chronic Dermatitis. *Bull Exp Biol Med* 158 (5), 670–672, [10.1007/s10517-015-2831-y](https://doi.org/10.1007/s10517-015-2831-y)
7. **Moiseeva EV**, Kuzitsetsova NR, Svirshchevskaya EV, Bovin NV, Sitnikov NS, Shavyrin AS, Beletskaya IP, Combes S, Fedorov AY, Vodovozova EL (2012). Liposome formulations of combretastatin A4 and 4-aryl coumarin analog prodrugs: Antitumor effect in the mouse model of breast cancer. *Biomed Khim* 58 (3), 326–338, [10.18097/pbmc20125803326](https://doi.org/10.18097/pbmc20125803326)
8. Boldyrev IA, Gaenko GP, **Moiseeva EV**, Deligeorgiev T, Kaloianova S, Lesev N, Vasilev A, Molotkovskii IG (2011). [1,10-phenantroline europium complexes: their inclusion in liposomes and cytotoxicity]. *Bioorg Khim* 37 (3), 408–413.
9. Boldyrev IA, Gaenko GP, **Moiseeva EV**, Deligeorgiev T, Kaloyanova S, Lesev N, Vasilev A, Molotkovsky JG (2011). Europium complexes of 1,10-phenanthrolines: Their inclusion in liposomes and cytotoxicity. *Russ. J. Bioorganic Chem.* 37 (3), 364–368, [10.1134/S106816201103006X](https://doi.org/10.1134/S106816201103006X)
10. Sitnikov NS, Boldyrev IA, **Moiseeva EV**, Shavyrin AS, Beletskaya IP, Combes S, Bovin NV, Fedorov AY, Vodovozova EL (2010). Antitumor liposomes bearing a prodrug of combretastatin A-4 and a tetrasaccharide ligand of selectins. *Russ Chem Bull* 59 (12), 2290–2296, [10.1007/s11172-010-0390-y](https://doi.org/10.1007/s11172-010-0390-y)
11. **Moiseeva EV**, Semushina SG, Chaadaeva AV, Sadovnikova ES, Kessler YV (2010). Criteria for analysis of interleukin-2 efficacy in a spontaneous murine mammary tumor model. *Vopr Onkol* 56 (4), 443–449.
12. Kurmyshkina O, Rapoport E, **Moiseeva E**, Korchagina E, Ovchinnikova T, Pazynina G, Belyanchikov I, Bovin N (2010). Glycoprobes as a tool for the study of lectins expressed on tumor cells. *Acta Histochem* 112 (2), 118–126, [10.1016/j.acthis.2009.01.004](https://doi.org/10.1016/j.acthis.2009.01.004)
13. Gaenko GP, **Moiseeva EV**, Savelev OY, Molotkovskii YG, Vodovozova EL (2009). Antitumor activity of the lipid fraction of the spores of an anaerobic bacterium *Clostridium butyricum*. *Microbiology* 78 (5), 580–584, [10.1134/S0026261709050087](https://doi.org/10.1134/S0026261709050087)
14. Chaadaeva AV, Tepkeeva II, **Moiseeva EV**, Svirshchevskaya EV, Demshkin VP (2009). Antitumor activity of the plant remedy peptide extract pe-pm in a new mouse t-lymphoma/leukemia model. *Biomed Khim* 55 (1), 81–88.
15. Den Otter W, Jacobs JJL, Battermann JJ, Hordijk GJ, Krastev Z, **Moiseeva EV**, Stewart RJE, Ziekman PGPM, Koten JW (2008). Local therapy of cancer with free IL-2. *Cancer Immunol Immunother* 57 (7), 931–950, [10.1007/s00262-008-0455-z](https://doi.org/10.1007/s00262-008-0455-z)
16. Tepkeeva II, **Moiseeva EV**, Chaadaeva AV, Zhavoronkova EV, Kessler YV, Semushina SG, Demushkin VP (2008). Evaluation of antitumor activity of peptide extracts from medicinal plants on the model of transplanted breast cancer in CBRB-Rb(8.17)11em mice. *Bull Exp Biol Med* 145 (4), 464–466, [10.1007/s10517-008-0119-1](https://doi.org/10.1007/s10517-008-0119-1)
17. Тепкеева ИИ, **Моисеева ЕВ**, Чаадаева АВ, Жаворонкова ЕВ, Кесслер ЮВ, Семушкина СГ, Дёмушкин ВП (2008). Оценка противоопухолевой активности пептидных экстрактов растений в перевиваемой модели рака молочной железы на мышах линии CBRB-Rb(8.17)11em. 145 (4), 446–448.
18. Lebedenko EN, Balandin TG, Edelweiss EF, Georgiev O, **Moiseeva ES**, Petrov RV, Deyev SM (2007). Visualization of cancer cells by means of the fluorescent EGFP-barnase protein. *Dokl Biochem Biophys* 414 (1), 120–123, [10.1134/S1607672907030088](https://doi.org/10.1134/S1607672907030088)
19. Mushenkova N, **Moiseeva E**, Chaadaeva A, Den Otter W, Svirshchevskaya E (2006). Antitumor effect of double immunization of mice with mucin 1 and its coding DNA. *Anticancer Res* 25 (6), 3893–3898.
20. Мушенкова НВ, **Моисеева ЕВ**, Чаадаева АМ (2006). Индукция гуморального и клеточного ответа на муцин-1 с использованием ДНК иммунизации. 27 (4), 216–221.
21. Gambaryan AS, Boravleva EY, Matrosovich TY, Matrosovich MN, Klenk HD, **Moiseeva EV**, Tuzikov AB, Chinarev AA, Pazynina GV, Bovin NV (2005). Polymer-bound 6' sialyl-N-acetyl lactosamine protects mice infected by influenza virus. *Antiviral Res* 68 (3), 116–123, [10.1016/j.antiviral.2005.07.008](https://doi.org/10.1016/j.antiviral.2005.07.008)
22. **Moiseeva EV**, Rapoport EM, Bovin NV, Miroshnikov AI, Chaadaeva AV, Krasilshchikova MS, Bojenko VK,

- Bijleveld C, Van Dijk JE, Den Otter W (2005). Galectins as markers of aggressiveness of mouse mammary carcinoma: Towards a lectin target therapy of human breast cancer. *Breast Cancer Res Treat* 91 (3), 227–241, [10.1007/s10549-005-0289-8](https://doi.org/10.1007/s10549-005-0289-8)
23. Blishchenko EY, Sazonova OV, Kalinina OA, **Moiseeva EV**, Vass AA, Karelin AA, Ivanov VT (2005). Anti-tumor effect of valorphin in vitro and in vivo: Combined action with cytostatic drugs. *Cancer Biol Ther* 4 (1), 118–124, [10.4161/cbt.4.1.1474](https://doi.org/10.4161/cbt.4.1.1474)
  24. **Moiseeva EV**, Merkulova IB, Bijleveld C, Koten JW, Miroshnikov AI, Den Otter W (2003). Therapeutic effect of a single peritumoural dose of IL-2 on transplanted murine breast cancer. *Cancer Immunol Immunother* 52 (8), 487–496, [10.1007/s00262-003-0385-8](https://doi.org/10.1007/s00262-003-0385-8)
  25. Rapoport E, Khaidukov S, Baidina O, Bojenko V, **Moiseeva E**, Pasyrina G, Karsten U, Nifantev N, LePendu J, Bovin N (2003). Involvement of the Gal $\beta$ 1-3GalNAc $\beta$  structure in the recognition of apoptotic bodies by THP-1 cells. *Eur J Cell Biol* 82 (6), 295–302, [10.1078/0171-9335-00314](https://doi.org/10.1078/0171-9335-00314)
  26. Пономарёв АД, Гусарова ГА, **Моисеева ЕВ** (2002). Разработка нового подхода к созданию противоопухолевых вакцин на основе белков теплового шока. (3), 3–8.
  27. Vodovozova EL, **Moiseeva EV**, Grechko GK, Gayenko GP, NifantEv NE, Bovin NV, Molotkovsky JG (2000). Antitumour activity of cytotoxic liposomes equipped with selectin ligand SiaLe(X), in a mouse mammary adenocarcinoma model. *Eur J Cancer Clin Oncol* 36 (7), 942–949, [10.1016/S0959-8049\(00\)00029-0](https://doi.org/10.1016/S0959-8049(00)00029-0)
  28. Viskova NY, Svirshchevskaya EV, Sapoznikov AM, **Moiseeva EV**, Dizha VI (1998). Immunostimulatory activity of Milife, a novel immunomodulator of fungus origin. *J Immunopharmacol* 20 (1), 119–133, [10.3109/08923979809034812](https://doi.org/10.3109/08923979809034812)
  29. **Moiseeva EV**, Vodovozova EL, Mikhalyov II, Molotkovsky JG (1997). Testing of liposomal formulations of DL-melphalan and rubomycin lipid derivatives on new breast cancer mouse model. *Mouse Genome* 95 (4), 895–897.
  30. Rodin VV, Voinova II, Volkov VI, Volkova LA, **Moiseeva EV**, Dozmorov IM (1990). Study by electron paramagnetic resonance of blood plasma of mice during rotation stress associated with administration of ascorbic acid and GABA. *Kosm Biol Aviakosm Med* 24 (5), 57–58.
  31. Svirshchevskaya EV, Dozmorov IM, **Moiseeva EV** (1990). Role of interleukin-2 serum inhibitor in rejecting the allogenic haemopoietic cells in sublethally irradiated mice. *Radiobiologiya* 30 (5), 634–638.
  32. **Moiseeva EV**, Svirshchevskaya EV, Dozmoro IM (1988). The influence of allogeneic lymphocytes on survival of sublethally irradiated mice. *Radiobiologiya* 28 (2), 235–238.