Curriculum vitae: Ol'ga Rakitina



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Education

2019–2021	Moscow, Russia	Lomonosov Moscow State University	masters degree (with honors)
2015–2019	Moscow, Russia	Lomonosov Moscow State University	bachelors degree

IBCh positions

2021–to date	Junior research fellow	
2021–2025	Postgraduate	

Language Proficiency

Russian, English

Scientific societies' membership

Member of the European Association for Cancer Research, European Society for Medical Oncology

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Publications

1. Meretukov D, Grechukhina K, Evdokimov V, Didych D, Kondratieva S, **Rakitina O**, Gordeev A, Shilo P, Khatkov I, Zhukova L (2025). Deriving Real-World Evidence from Non-English Electronic Medical Records in Hormone Receptor-Positive Breast Cancer Using Large Language Models. *Cancers (Basel)* 17 (23), 3836, 10.3390/cancers17233836
2. Kondratyeva LG, **Rakitina OA**, Pleshkan VV, Kuzmich AI, Linge IA, Kondratieva SA, Snezhkov EV, Alekseenko IV, Sverdlov ED (2024). The Cellular and Transcriptomic Early Innate Immune Response to BCG Vaccination in Mice. *Cells* 13 (24), 2043, 10.3390/cells13242043
3. Kondratyeva L, Kuzmich A, Linge I, Pleshkan V, **Rakitina O**, Kondratieva S, Snezhkov E, Sass A, Alekseenko I (2024). Early transcriptomic response of innate immune cells to subcutaneous BCG vaccination of mice. *BMC Res Notes* 17 (1), 253, 10.1186/s13104-024-06901-w
4. **Rakitina OA**, Kuzmich AI, Bezborodova OA, Kondratieva SA, Pleshkan VV, Zinovyeva MV, Didych DA, Sass AV, Snezhkov EV, Kostina MB, Koksharov MO, Alekseenko IV (2024). Non-viral-mediated gene transfer of OX40 ligand for tumor immunotherapy. *Front Immunol* 15, 1410564, 10.3389/fimmu.2024.1410564
5. **(conference) Ракитина ОА**, Кузьмич АИ, Дидыч ДА, Кондратьева СА, Безбородова ОА, Алексеенко ИВ (2023). The effect of non-viral gene-immune therapy via OX40L or 4-1BBL on murine subcutaneous CT26 colon cancer model. *Ann Oncol* , , 10.1016/j.annonc.2023.09.1567

6. Sorokin MI, Buzdin AA, Guryanova A, Efimov V, Suntsova MV, Zolotovskaia MA, Koroleva EV, Sekacheva MI, Tkachev VS, Garazha A, Kremenchutckaya K, Drobyshev A, Seryakov A, Gudkov A, Alekseenko IV, **Rakitina OA**, Kostina MB, Vladimirova U, Moisseev A, Bulgin D, Radomskaya E, Shestakov V, Baklaushev VP, Prassolov V, Shegay PV, Li X, Poddubskaya EV, Gaifullin N (2023). Large-scale assessment of pros and cons of autopsy-derived or tumor-matched tissues as the norms for gene expression analysis in cancers. *Comput Struct Biotechnol J* 21, 3964–3986, 10.1016/j.csbj.2023.07.040
7. Rozenberg JM, Buzdin AA, Mohammad T, **Rakitina OA**, Didych DA, Pleshkan VV, Alekseenko IV (2023). Molecules promoting circulating clusters of cancer cells suggest novel therapeutic targets for treatment of metastatic cancers. *Front Immunol* 14, 1099921, 10.3389/fimmu.2023.1099921
8. Druzhkova I, Shirmanova M, Ignatova N, Dudenkova V, Lukina M, Zagaynova E, Safina D, Kostrov S, Didych D, Kuzmich A, Sharonov G, **Rakitina O**, Alekseenko I, Sverdlov E (2020). Expression of EMT-Related Genes in Hybrid E/M Colorectal Cancer Cells Determines Fibroblast Activation and Collagen Remodeling. *Int J Mol Sci* 21 (21), 1–26, 10.3390/ijms21218119
9. Kuzmich A, **Rakitina O**, Didych D, Potapov V, Zinovyeva M, Alekseenko I, Sverdlov E (2020). Novel Histone-Based DNA Carrier Targeting Cancer-Associated Fibroblasts. *Polymers (Basel)* 12 (8), , 10.3390/polym12081695