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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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Образование

1970–1976	Россия, Москва	МГУ им. М.В. Ломоносова, биофак, каф. мол. биологии
1961–1969	Россия, Москва	Французская спецшкола № 10
1959–1961	Россия, Москва	Средняя школа №657

Работа в ИБХ

1977–2021	Старший научный сотрудник
2018–2021	Старший научный сотрудник

Научные интересы

конструирование неприродных антител, противораковые антитела, мультифункциональные молекулярные конструкции наноразмеров

Степени и звания

Кандидат наук (Биологические науки, 03.00.03 — Молекулярная биология)

Гранты и проекты

2019–2023	Разработка адресной системы на основе анти-HER2-скаффолдов и молекулярной пары барназа-барстар для ступенчатой доставки цитотоксинов при терапии HER2-положительных злокачественных новообразований.
2017–2021	Новые подходы к адресной терапии злокачественных новообразований с использованием инновационного направляющего модуля неиммуноглобулиновой природы

Публикации

- Artyukhov AA, Golovachenko VA, Deev SM, Egorova BV, Kokov KV, Kuznetsova TM, Kurochkin AV, **Lebedenko EN**, Makoveeva KA, Pankratov AA, Plyutinskaya AD, Proshin MA, Chuvilin DY, Shulga AA, Kaprin AD (2022). Synthesis and Investigation of Radiopharmaceutical Complexes Based on ¹⁷⁷Lu and ²¹²Pb for the Targeted Therapy of Malignant Neoplasms. *Nanobiotech Rep* 17 (3), 429–435, [10.1134/S2635167622030028](https://doi.org/10.1134/S2635167622030028)
- Pankratov AA, Nemtsova ER, Plyutinskaya AD, Vorontsova MS, Chuvilin DY, Egorova BV, Kokov KV, Deev SM, **Lebedenko EN**, Proshkina GM, Shulga AA, Golovachenko VA, Shegai PV, Kaprin AD (2021). Specific Cytotoxicity of Targeted ¹⁷⁷Lu and ²¹²Pb-Based Radiopharmaceuticals. *Bull Exp Biol Med* 171 (5), 627–632, [10.1007/s10517-021-05283-4](https://doi.org/10.1007/s10517-021-05283-4)
- Shramova EI, Kotlyar AB, **Lebedenko EN**, Deyev SM, Proshkina GM (2020). Near-Infrared Activated Cyanine Dyes As Agents for Photothermal Therapy and Diagnosis of Tumors. *Acta Naturae* 12 (3), 102–113, [10.32607/actanaturae.11028](https://doi.org/10.32607/actanaturae.11028)

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5. Deyev SM, **Lebedenko EN** (2017). Targeted Bifunctional Proteins and Hybrid Nanoconstructs for Cancer Diagnostics and Therapies. *Mol Biol* 51 (6), 788–803, [10.1134/S002689331706005X](https://doi.org/10.1134/S002689331706005X)
6. Shilova ON, Proshkina GM, **Lebedenko EN**, Deyev SM (2015). Internalization and Recycling of the HER2 Receptor on Human Breast Adenocarcinoma Cells Treated with Targeted Phototoxic Protein DARPiniSOG. *Acta Naturae* 7 (3), 126–32.
7. Deyev SM, **Lebedenko EN** (2015). Supramolecular agents for theranostics. *Russ. J. Bioorganic Chem.* 41 (5), 481–493, [10.1134/S1068162015050052](https://doi.org/10.1134/S1068162015050052)
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9. Deyev SM, **Lebedenko EN**, Petrovskaya LE, Dolgikh DA, Gabibov AG, Kirpichnikov MP (2015). Man-made antibodies and immunoconjugates with desired properties: Function optimization using structural engineering. *RUSS CHEM REV* 84 (1), 1–26, [10.1070/RCR4459](https://doi.org/10.1070/RCR4459)
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12. Поляновский ОЛ, **Лебеде́нко ЕН**, Деев СМ (2013). ErbB-онкогены - мишени моноклональных антител. 77 (3), 289–311.
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