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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

2018–2014	Россия, Москва	Российский технологический университет (МИРЭА).	Программа аспирантуры по направлению 04.06.01 "Химические науки", профиль 02.00.10 "Биоорганическая химия".Диплом аспиранта на тему: "Синтез и изучение свойств модифицированных нуклеозидов, содержащие хиральные заместители в С6 положении пурина".Присвоена квалификация: "Исследователь. Преподаватель-исследователь."
2014–2013	Россия, Москва	Московский государственный университет тонких химических технологий им. М.В. Ломоносова (МИТХТ).	Программа магистратуры по направлению подготовки 240700 "Биотехнология". Диплом магистра на тему: “Получение структурных аналогов противоопухолевого препарата Неларабин, содержащих остатки хиральных аминокислот в С6 положении”Присвоена квалификация: "Магистр".
2012–2008	Россия, Москва	Московский государственный университет тонких химических технологий им. М.В. Ломоносова (МИТХТ).	Программа бакалавриата по направлению “Химическая технология и биотехнология”.Диплом бакалавра на тему: “Синтез структурных аналогов противоопухолевого препарата Неларабин с помощью ферментов нуклеинового обмена”Присвоена квалификация: "Бакалавр техники и технологии".

Работа в ИБХ

2024–наст.вр.	Научный сотрудник	
2020–2024	Младший научный сотрудник	
2019–2023	Инженер	

Владение языками

Русский, английский

Степени и звания

2023	Кандидат наук (Химические науки, 1.4.9 - Биоорганическая химия)

Гранты и проекты

2025–наст.вр.	Дизайн, синтез и исследование модифицированных нуклеозидов: разработка агонистов аденозиновых рецепторов

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2. Baskova MV, Tereshin MN, Telepenina KP, Shoshina NS, Komyakova AM, **Eletskaya BZ**, Berzina MY, Ikryannikova LN, Stepanenko VN, Melikhova TD (2026). Impact of base matrix types on the properties of affinity chromatography resins with ligands based on staphylococcal protein A B-domain multimers. *MENDELEEV COMMUN* 36 (4), 404–406, 10.71267/mencom.7973
3. Pshenichnikova MS, Yakovlev DS, Spasov AA, Naumenko LV, Chebanko AM, Dorofeeva EV, Berzina MY, **Yeletskaya BZ**, Konstantinova ID (2026). Ophthalmotropic effect of the compound Cl-ALA-OH-AR in the experiment. *Eksp i Klin Farm* 89 (3), 8–12, 10.30906/0869-2092-2026-89-3-8-12
4. Pshenichnikova MS, Yakovlev DS, Spasov AA, Naumenko LV, Chebanko AM, Dorofeeva EV, Berzina MY, **Yeletskaya BZ**, Konstantinova ID (2026). Antiglaucoma and local irritant effects of the A1/A2A adenosine receptor agonist — the compound Cl-Ala-OH-AR. *Eksp i Klin Farm* 89 (1), 8–13, 10.30906/0869-2092-2026-89-1-8-13
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6. Arnautova AO, Aleksakhina IA, Zorina EA, Berzina MY, Fateev IV, **Eletskaya BZ**, Antonov KV, Smirnova OS, Paramonov AS, Kayushin AL, Andronova VL, Galegov GA, Kostromina MA, Zayats EA, Karpenko IL, Kotovskaya SK, Charushin VN, Esipov RS, Miroshnikov AI, Konstantinova ID (2025). New Benzimidazole 3′-Deoxynucleosides: Synthesis and Antiherpes Virus Properties. *Biomolecules* 15 (7), 922, 10.3390/biom15070922
7. Arnautova AO, Antonov KV, Zorina EA, Simonova MA, Paramonov AS, Zhukova OS, Kiselevskiy MV, Kayushin AL, Fateev IV, Dorofeeva EV, **Eletskaya BZ**, Berzina MY, Smirnova OS, Egorova TV, Esipov RS, Miroshnikov AI, Konstantinova ID (2025). 2-Fluorocordycepin: Chemoenzymatic Synthesis and Study of Anticancer Activities In Vitro. *Russ. J. Bioorganic Chem.* 51 (3), 1189–1205, 10.1134/S1068162025601144
8. Tereshin MN, Melikhova TD, **Eletskaya BZ**, Ivanova EA, Onoprienko LV, Makarov DA, Razumikhin MV, Myagkikh IV, Fabrichniy IP, Stepanenko VN (2024). Biocatalytic Method for Producing an Affinity Resin for the Isolation of Immunoglobulins. *Biomolecules* 14 (7), 849, 10.3390/biom14070849
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14. **Eletskaya BZ**, Berzina MY, Fateev IV, Kayushin AL, Dorofeeva EV, Lutonina OI, Zorina EA, Antonov KV, Paramonov AS, Muzyka IS, Zhukova OS, Kiselevskiy MV, Miroshnikov AI, Esipov RS, Konstantinova ID (2023). Enzymatic Synthesis of 2-Chloropurine Arabinonucleosides with Chiral Amino Acid Amides at the C6 Position and an Evaluation of Antiproliferative Activity In Vitro. *Int J Mol Sci* 24 (7), 6223, 10.3390/ijms24076223
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17. Zayats EA, Fateev IV, Kostromina MA, Abramchik YA, Lykoshin DD, Yurovskaya DO, Timofeev VI, Berzina MY, **Eletskaya BZ**, Konstantinova ID, Esipov RS (2022). Rational Mutagenesis in the Lid Domain of Ribokinase from E. coli Results in an Order of Magnitude Increase in Activity towards D-arabinose. *Int J Mol Sci* 23 (20), , 10.3390/ijms232012540
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