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Образование

2024– 2024	Москва	ФГБУН ИОНХ РАН	Программа ДПО "Требования стандарта ГОСТ ISO/IEC 17025-2019 и их реализация в испытательной лаборатории"
2024– 2024	Москва	Эконом. факультет МГУ	Программа ДПО "Разработка и реализации высокотехнологичных проектов"
1995– 1995	Германия	GBF, Брауншвейг	Международный учебный курс по биотехнологии: "Новые методы и технологии в биотехнологии"

Преподавание

2020– наст.вр.	Россия	Пущинский филиал Российского биотехнологического университета (РОСБИОТЕХ)	Создание биофармацевтических препаратов
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Работа в ИБХ

2020–наст.вр.	Главный научный сотрудник
2018–2021	Старший научный сотрудник

Членство в сообществах

Член Общероссийской общественной организации «Общество биотехнологов России им. Ю.А. Овчинникова»

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Степени и звания

2019	Доктор наук (Химические науки, 03.00.23 — Биотехнология)
2013	Кандидат наук (Биологические науки, 03.01.04)

Гранты и проекты

2023– наст.вр.	Ферментативные системы для синтеза фармацевтически значимых модифицированных нуклеозидов и нуклеотидов как объект для рациональной оптимизации
2021– 2023	Моно- и полиферментные системы как основной инструмент в создании новых фармацевтически значимых модифицированных нуклеозидов и нуклеотидов

Публикации

1. Arnautova AO, Antonov KV, Zorina EA, Simonova MA, Paramonov AS, Zhukova OS, Kiselevskiy MV, Kayushin AL, Fateev IV, Dorofeeva EV, Eletskaia 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](https://doi.org/10.1134/S1068162025601144)
2. Bychek IA, Zenchenko AA, Kostromina MA, Khisamov MM, Solyev PN, **Esipov RS**, Mikhailov SN, Varizhuk IV (2024). Bacterial Purine Nucleoside Phosphorylases from Mesophilic and Thermophilic Sources: Characterization of Their Interaction with Natural Nucleosides and Modified Arabinofuranoside Analogues. *Biomolecules* 14 (9), 1069, [10.3390/biom14091069](https://doi.org/10.3390/biom14091069)
3. Eletskaia BZ, Mironov AF, Fateev IV, Berzina MY, Antonov KV, Smirnova OS, Zatsepina AB, Arnautova AO, Abramchik YA, Paramonov AS, Kayushin AL, Khandazhinskaya AL, Matyugina ES, Kochetkov SN, Miroshnikov AI, Mikhailopulo IA, **Esipov RS**, Konstantinova ID (2024). Enzymatic Transglycosylation Features in Synthesis of 8-Aza-7-Deazapurine Fleximer Nucleosides by Recombinant E. coli PNP: Synthesis and Structure Determination of Minor Products. *Biomolecules* 14 (7), 798, [10.3390/biom14070798](https://doi.org/10.3390/biom14070798)
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8. Abramchik YA, Zayats EA, Timofeev VI, Shevtsov MB, Kostromina MA, Fateev IV, Yurovskaya DO, Karanov AA, Konstantinova ID, Kuranova IP, **Esipov RS** (2023). Preliminary X-ray Study of Crystals Obtained by Co-Crystallization of Hypoxanthine–Guanine Phosphoribosyltransferase from Escherichia coli and Pyrazine-2-Carboxamide Derivatives. *Cryst. Rep* 68 (6), 852–856, [10.1134/S1063774523600965](https://doi.org/10.1134/S1063774523600965)
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33. Хомякова ТИ, Терешин МН, **Есипов РС**, Магомедова АД, Козловская ГВ, Козловский ЮЕ, Хомяков ЮН (2020). Формирование и деградация биопленок: молекулярно-клеточные механизмы. *МолМед* 18 (5), 18–27, [10.29296/24999490-2020-05-03](https://doi.org/10.29296/24999490-2020-05-03)
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44. **Esipov RS**, Timofeev VI, Sinitsyna EV, Tuzova ES, Esipova LV, Kostromina MA, Kuranova IP, Miroshnikov AI (2018). Three-Dimensional Structure of Recombinant Adenine Phosphoribosyltransferase from Thermophilic Bacterial Strain *Thermus thermophilus* HB27. *Russ. J. Bioorganic Chem.* 44 (5), 504–510, [10.1134/S1068162018050047](https://doi.org/10.1134/S1068162018050047)
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