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Образование

1995– 1995	Германия	GBF, Брауншвейг	Международный учебный курс по биотехнологии: "Новые методы и технологии в биотехнологии"
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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

Доктор наук (Химические науки, 03.00.23 — Биотехнология)

Гранты и проекты

2021– 2023	Моно- и полиферментные системы как основной инструмент в создании новых фармацевтически значимых модифицированных нуклеозидов и нуклеотидов
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Публикации

- Kostromina MA, Tukhovskaya EA, Shaykhutdinova ER, Palikova YA, Palikov VA, Slashcheva GA, Ismailova AM, Kravchenko IN, Dyachenko IA, Zayats EA, Abramchik YA, Murashev AN, **Esipov RS** (2024). Unified Methodology for the Primary Preclinical In Vivo Screening of New Anticoagulant Pharmaceutical Agents from Hematophagous Organisms. *Int J Mol Sci* 25 (7), , [10.3390/ijms25073986](https://doi.org/10.3390/ijms25073986)
- Zayats EA, Fateev IV, Abramchik YA, Kostromina MA, Timofeev VI, Yurovskaya DO, Karanov AA, Konstantinova ID, Golovin AV, **Esipov RS** (2024). Designing an Efficient Biocatalyst for the Phosphoribosylation of Antiviral Pyrazine-2-carboxamide Derivatives. *ACS Catal* 14 (5), 3687–3699, [10.1021/acscatal.3c05059](https://doi.org/10.1021/acscatal.3c05059)
- 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-

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4. Timofeev VI, Abramchik YA, Shevtsov MB, Kostromina MA, Zavriev SK, Zayats EA, **Esipov RS**, Kuranova IP (2023). X-ray structure of recombinant house dust mite allergen Der p 3. *MENDELEEV COMMUN* 33 (6), 796–798, [10.1016/j.mencom.2023.10.019](https://doi.org/10.1016/j.mencom.2023.10.019)
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7. Garipov IF, Timofeev VI, Zayats EA, Abramchik YA, Kostromina MA, Konstantinova ID, **Esipov RS** (2023). Structural Bioinformatics Study of the Structural Basis of Substrate Specificity of Purine Nucleoside Phosphorylase from *Thermus thermophilus*. *Cryst. Rep* 68 (2), 280–287, [10.1134/S1063774523010108](https://doi.org/10.1134/S1063774523010108)
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10. Nemashkalova EL, Shevelyova MP, Machulin AV, Lykoshin DD, **Esipov RS**, Deryusheva EI (2023). Heparin-Induced Changes of Vascular Endothelial Growth Factor (VEGF165) Structure. *Biomolecules* 13 (1), 98, [10.3390/biom13010098](https://doi.org/10.3390/biom13010098)
11. Likhvantseva VG, Gevorgyan AS, Kapkova SG, Kuzmin KA, Miroshnikov AI, **Esipov RS** (2022). Development of criteria for a comprehensive assessment of the effectiveness of antiangiogenic drugs on models of neovascularization of the eye (experimental studies). *Glaz* 24 (3), 39–47, [10.33791/2222-4408-2022-3-39-47](https://doi.org/10.33791/2222-4408-2022-3-39-47)
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28. 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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