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Адрес

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Работа в ИБХ

2022–наст.вр.	Старший научный сотрудник	
2026–2026	Доцент	
2019–2022	Научный сотрудник	
2018–2022	Научный сотрудник	

Членство в сообществах

Член Совета молодых Ученых ИБХ РАН второго созыва с 2014 г. и третьего созыва с 2016 г.

Степени и звания

2016	Кандидат наук (Химические науки, 02.00.10 — Биоорганическая химия)

Гранты и проекты

2023–наст.вр.	Исследование сенсибилизационного потенциала и перекрёстной реактивности клинически значимых аллергенов класса PR-10 для разработки новых подходов проведения аллерген-специфической иммунотерапии
2023–наст.вр.	Исследование сенсибилизационного потенциала и перекрёстной реактивности клинически значимых аллергенов класса PR-10 для разработки новых подходов проведения аллерген-специфической иммунотерапии
2023–наст.вр.	Исследование сенсибилизационного потенциала и перекрёстной реактивности клинически значимых аллергенов класса PR-10 для разработки новых подходов проведения аллерген-специфической иммунотерапии

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2. **Bogdanov IV**, Finkina EI, Melnikova DN, Potapov AE, Ovchinnikova TV (2026). PR-10 Allergens: From the Molecular Basis of Cross-Reactivity to Current and Future Immunotherapy Strategies. *Russ. J. Bioorganic Chem.* 52 (2), , 10.1134/S1068162026600972

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5. Finkina EI, Gerasimova AA, Shevchenko OV, **Bogdanov IV**, Tagaev AA, Voropaev AD, Ovchinnikova TV (2025). Modified Hevein-like Peptide from Amaranthus caudatus as a Promising Agent Against Pathogenic Candida Species. *Pharmaceutics* 17 (11), 1406, 10.3390/pharmaceutics17111406
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7. Melnikova DN, Potapov AE, Ovchinnikova TV, **Bogdanov IV** (2025). Modeling Human Airway Epithelial Barrier Penetration Using Birch Bet v 1 and Alder Aln g 1 Pollen Allergens During Sensitization Process. *Int J Mol Sci* 26 (11), 5169, 10.3390/ijms26115169
8. Finkina EI, Danilova YD, Melnikova DN, Ovchinnikova TV, **Bogdanov IV** (2025). Sensitization Potential of the Major Soybean Allergen Gly m 4 and Its Cross-Reactivity with the Birch Pollen Allergen Bet v 1. *Int J Mol Sci* 26 (7), 2932, 10.3390/ijms26072932
9. Bolosov IA, Finkina EI, **Bogdanov IV**, Safronova VN, Panteleev PV, Ovchinnikova TV (2024). Natural Gomesin-like Peptides with More Selective Antifungal Activities. *Pharmaceutics* 16 (12), 1606, 10.3390/pharmaceutics16121606
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11. Panteleev PV, Pichkur EB, Kruglikov RN, Paleskava A, Shulenina OV, Bolosov IA, **Bogdanov IV**, Safronova VN, Balandin SV, Marina VI, Kombarova TI, Korobova OV, Shamova OV, Myasnikov AG, Borzilov AI, Osterman IA, Sergiev PV, Bogdanov AA, Dontsova OA, Konevega AL, Ovchinnikova TV (2024). Rumicidins are a family of mammalian host-defense peptides plugging the 70S ribosome exit tunnel. *Nat Commun* 15 (1), 8925, 10.1038/s41467-024-53309-y
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14. Melnikova DN, Finkina EI, Potapov AE, Danilova YD, Toropygin IY, Matveevskaya NS, Ovchinnikova TV, **Bogdanov IV** (2024). Structural and Immunological Features of PR-10 Allergens: Focusing on the Major Alder Pollen Allergen Aln g 1. *Int J Mol Sci* 25 (9), 4965, 10.3390/ijms25094965
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32. Melnikova DN, **Bogdanov IV**, Ignatova AA, Ovchinnikova TV, Finkina EI (2020). New insights into ligand binding by plant lipid transfer proteins: A case study of the lentil Lc-LTP2. *Biochem Biophys Res Commun* 528 (1), 39–45, 10.1016/j.bbrc.2020.04.139
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