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Адрес

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Работа в ИБХ

2022–наст.вр.	Старший научный сотрудник	
2026–наст.вр.	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

3. **Bogdanov IV**, Finkina EI, Kamaeva AG, Krasilshchikova MS, Ovchinnikova TV (2025). Adjuvant-Free Murine Models of Allergic Sensitization to the Major Soybean Allergen Gly m 4. *Int J Mol Sci* 26 (23), 11695, 10.3390/ijms262311695
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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
10. Shevchenko OV, Voropaev AD, **Bogdanov IV**, Ovchinnikova TV, Finkina EI (2024). Effects of the Tobacco Defensin NaD1 Against Susceptible and Resistant Strains of Candida albicans. *Pathogens* 13 (12), 1092, 10.3390/pathogens13121092
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
15. Melnikova DN, **Bogdanov IV**, Potapov AE, Alekseeva AS, Finkina EI, Ovchinnikova TV (2023). Molecular Insight into Ligand Binding and Transport by the Lentil Lipid Transfer Protein Lc-LTP2: The Role of Basic Amino Acid Residues at Opposite Entrances to the Hydrophobic Cavity. *Biomolecules* 13 (12), 1699, 10.3390/biom13121699
16. **Bogdanov IV**, Streltsova MA, Kovalenko EI, Sapozhnikov AM, Panteleev PV, Ovchinnikova TV (2023). Epithelial-Immune Cell Crosstalk Determines the Activation of Immune Cells In Vitro by the Human Cathelicidin LL-37 at Low Physiological Concentrations. *Biomolecules* 13 (9), 1316, 10.3390/biom13091316
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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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