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Адрес

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Работа в ИБХ

2015–наст.вр.	Старший научный сотрудник	

Научные интересы

Членство в сообществах

Степени и звания

2026	Доктор наук (Химические науки, 1.4.9 - Биоорганическая химия)
2009	Кандидат наук (Биологические науки, 03.00.03 — Молекулярная биология)

Гранты и проекты

2026–наст.вр.	Природные модуляторы каналов TRPA1, TRPV3 и TRPV4: поиск, структурно-функциональная характеристика, терапевтический потенциал.
2021–2023	Природные вещества для реализации защитного и регенеративного потенциала организма при патологических состояниях, вызывающих гибель нейронов
2020–2022	Новые биологически-активные вещества из ядов морских анемон, избирательно взаимодействующие с никотиновыми ацетилхолиновыми рецепторами
2016–2020	Природные вещества с противовоспалительными, анальгетическими и антимикробными свойствами

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TRPV3 activation by cannabidiol and potent inhibition by 14-deoxy-11,12-didehydroandrographolide. *Cell Calcium* 138, 103201, 10.1016/j.ceca.2026.103201

2. Osmakov DI, Korolkova YV, Maleeva EE, Logashina YA, Dubodel ES, Lubova KI, Koshelev SG, **Andreev YA**, Kozlov SA (2026). Gene arrangement within concatemeric constructs governs the functional divergence of human and rat ASIC3 concatemers. *J Physiol Biochem* 82 (1), 61, 10.1007/s13105-026-01201-2
3. Pavlov VM, Fedotova AY, Palikov VA, Logashina YA, Zagitova KI, Dyachenko IA, Popov AV, **Andreev YA** (2026). Peptide Modulator of TRPV1 Channel Increases Long-Term Potentiation in the Hippocampus and Reduces Anxiety and Fear in Mice Under Acute Stress. *Mar Drugs* 24 (2), 59, 10.3390/md24020059
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6. Osmakov DI, Khasanov TA, Maleeva EE, Pavlov VM, Palikov VA, Belozerova OA, Koshelev SG, Korolkova YV, Dyachenko IA, Kozlov SA, **Andreev YA** (2025). Two Amino Acid Substitutions Improve the Pharmacological Profile of the Snake Venom Peptide Mambalgin. *Toxins (Basel)* 17 (3), 101, 10.3390/toxins17030101
7. Khasanov TA, Mineev KS, Kalinovskii AP, Korolkova YV, Palikov VA, Palikova YA, Dyachenko IA, Kozlov SA, **Andreev YA**, Osmakov DI (2025). Sea anemone Cys-ladder peptide Ms13-1 induces a pain response as a positive modulator of acid-sensing ion channel 1a. *FEBS J* 292 (10), 2671–2687, 10.1111/febs.70032
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