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## Гранты и проекты

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2023 [патологических состояниях, вызывающих гибель нейронов](#)

2020– [Новые биологически-активные вещества из ядов морских анемонов, избирательно](#)  
2022 [взаимодействующие с никотиновыми ацетилхолиновыми рецепторами](#)

2016– [Природные вещества с противовоспалительными, анальгетическими и антимикробными](#)  
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2. 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* , , [10.1111/febs.70032](https://doi.org/10.1111/febs.70032)
3. Kvetkina AN, Oreshkov SD, Mironov PA, Zaigraev MM, Klimovich AA, Deriavko YV, Menshov AS, Kulbatskii DS, Logashina YA, **Andreev YA**, Chugunov AO, Kirpichnikov MP, Lyukmanova EN, Leychenko EV, Shenkarev ZO (2024). Sea Anemone Kunitz Peptide HCIQ2c1: Structure, Modulation of TRPA1 Channel, and Suppression of Nociceptive Reaction In Vivo. *Mar Drugs* 22 (12), 542, [10.3390/md22120542](https://doi.org/10.3390/md22120542)

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5. Pavlov VM, Fedotova AY, **Andreev YA**, Palikov VA, Dyachenko IA (2024). The Study of TRPV1 Channels of the Central Nervous System and Their Effect on Anxiety in ICR Mice. *Dokl Biochem Biophys* , , [10.1134/S1607672924600325](https://doi.org/10.1134/S1607672924600325)
6. Kalinovskii AP, Logashina YA, Palikova YA, Palikov VA, Osmakov DI, Mineev KS, Belozero OA, Shmygarev VI, Kozlov SA, Dyachenko IA, Korolkova YV, **Andreev YA** (2024). A Diterpenoid of the Medicinal Plant *Andrographis paniculata* Targets Cutaneous TRPV3 Channel and Relieves Itch. *J. Nat. Prod.* 87 (7), 1852–1859, [10.1021/acs.jnatprod.4c00626](https://doi.org/10.1021/acs.jnatprod.4c00626)
7. Osmakov DI, Onoprienko LV, Kalinovskii AP, Koshelev SG, Stepanenko VN, **Andreev YA**, Kozlov SA (2024). Opioid Analgesic as a Positive Allosteric Modulator of Acid-Sensing Ion Channels. *Int J Mol Sci* 25 (3), 1413, [10.3390/ijms25031413](https://doi.org/10.3390/ijms25031413)
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