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Адрес

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Образование

1999–2004	Россия, Москва	МГУ им. М.В. Ломоносова, биологический факультет, кафедра биоорганической химии	Диплом по специальности «биохимия» с отличием

Преподавание

2005–наст.вр.	Россия, Москва	МГУ им. М.В. Ломоносова, биологический факультет, кафедра биоорганической химии	Молекулярные механизмы мембранного транспорта

Работа в ИБХ

2017–наст.вр.	Главный научный сотрудник
	Старший научный сотрудник

Членство в советах и комиссиях ИБХ

Ученый совет

Владение языками

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Награды

2016	Премия Правительства Москвы молодым ученым	За изучение разнообразия природных блокаторов калиевых каналов и создание молекулярных инструментов для фундаментальных исследований и скрининговых систем на их основе

Степени и звания

Кандидат наук (Химические науки, 02.00.10 — Биоорганическая химия)

Гранты и проекты

2014–2016	Молекулярные основы действия животных ядов
2022–2024	Модуляторы мутантных натриевых каналов
2020–2022	Получение селективных блокаторов калиевого канала человека Kv1.3

2020–2022	Лиганды ионных каналов с уникальной селективностью
2019–2022	Токсины из природных ядов модулируют болевую сенситизацию в чувствительных нейронах посредством механизмов, не зависящих от деполяризации

Публикации

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2. Nikolaev M, Gataulina E, Fedorova I, Baleeva N, Baranov M, **Vassilevski A**, Tikhonov D (2025). Optical control of calcium-permeable AMPA receptors by azobenzene–spermines. *Br J Pharmacol* , , 10.1111/bph.70111
3. Trofimov YA, Chugunov AO, **Vassilevski AA** (2025). Secondary chelation through shared water provides ion selectivity in bacterial sodium channels. *Structure* , , 10.1016/j.str.2025.05.010
4. Egorkin NA, Aleksin AM, Sedlov IA, Zhiganov NI, Bodunova DV, Varfolomeeva LA, Slonimskiy YB, Ziganshin RH, Popov VO, Boyko KM, **Vassilevski AA**, Maksimov EG, Sluchanko NN (2025). A green dichromophoric protein enabling foliage mimicry in arthropods. *Proc Natl Acad Sci U S A* 122 (23), e2502567122, 10.1073/pnas.2502567122
5. Gigolaev AM, Iureva DA, Lagosha SV, Brazhe AR, Zhorov BS, **Vassilevski AA** (2025). Golden Gate cloning enables efficient concatemer construction for biophysical analysis of heterozygous potassium channel variants from patients with epilepsy. *Int J Biol Macromol* 307 (Pt 3), 141802, 10.1016/j.ijbiomac.2025.141802
6. Scherbakov KA, **Vassilevski AA**, Chugunov AO (2025). Potassium channel selectivity is determined by square antiprismatic ion chelation. *Int J Biol Macromol* 305 (Pt 1), 140690, 10.1016/j.ijbiomac.2025.140690
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8. Tikhonova TB, Sharkov AA, Zhorov BS, **Vassilevski AA** (2024). Diverse biophysical mechanisms in voltage-gated sodium channel Nav1.4 variants associated with myotonia. *FASEB J* 38 (16), e23883, 10.1096/fj.202400867R
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12. Oparin PB, Nikodimov SS, **Vassilevski AA** (2023). Venoms with oral toxicity towards insects. *Toxicon* 235, 107308, 10.1016/j.toxicon.2023.107308
13. Krylov NA, Tabakmakher VM, Yureva DA, **Vassilevski AA**, Kuzmenkov AI (2023). Kalium 3.0 is a comprehensive depository of natural, artificial, and labeled polypeptides acting on potassium channels. *Protein Sci* 32 (11), e4776, 10.1002/pro.4776
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