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Адрес

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Образование

2011	Россия		Диплом профессора по специальности "молекулярная биология"
2000	Россия, Москва	Московский государственный университет имени М.В. Ломоносова (МГУ), биологический факультет	Присуждена учёная степень доктора биологических наук
1990	Россия, Москва	Московский государственный университет имени М.В. Ломоносова (МГУ), биологический факультет	Присуждена учёная степень кандидата биологических наук

Работа в ИБХ

2018–наст.вр.	Главный научный сотрудник

Членство в советах и комиссиях ИБХ

Диссертационный совет
Ученый совет

Награды

2006	Премия РАН имени А.О. Ковалевского	За работу «Гомеобоксные гены класса ANF регуляторы раннего развития головного мозга позвоночных»

Научные интересы

Основные работы А.Г. Зарайского посвящены структурно-функциональному изучению генов и белков, регулирующих эмбриональное развитие мозга.

Членство в сообществах

А. Г. Зарайский является членом Ученого и Диссертационного советов ИБХ РАН, редколлегий журналов «Молекулярная биология» и «Онтогенез».

Степени и звания

Профессор
Доктор наук (Биологические науки, 03.00.03 — Молекулярная биология)

Гранты и проекты

2019–2021	Поиск и изучение функций генов эмбрионального скейлинга

2018–2021	Изучение роли нового трансмембранного белка-регулятора регенерации, исчезнувшего в эволюции позвоночных, c-Answer, с применением системы генного нокаута CRISPR/Cas9

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5. Filenko PA, Chechenina AA, **Zaraisky AG**, Eroshkin FM (2022). The Effect of Myosin Inhibitors on the Expression of Mechano-Dependent Genes in the Early Development of the Clawed Frog. *Russ. J. Bioorganic Chem.* 48 (4), 854–857, 10.1134/S1068162022040094
6. Ermakova GV, Kucheryavyy AV, Eroshkin FM, Martynova NY, **Zaraisky AG**, Bayramov AV (2021). Study of the Early Telencephalon Genes of Cyclostomes as a Way to Restoring the Evolutionary History of This Unique Part of the Central Nervous System of Vertebrates. *PALEONTOL J* 55 (7), 752–765, 10.1134/S0031030121070030
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13. Байрамов АВ, Ермакова ГВ, Кучерявый АВ, **Зарайский АГ** (2021). ГЕНОМНЫЕ ДУПЛИКАЦИИ КАК ОСНОВА ЭВОЛЮЦИОННОГО УСПЕХА ПОЗВОНОЧНЫХ. *Ontogenez* 52 (3), 170–194, 10.31857/S0475145021030022
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35. Ivanova AS, Ermakova GV, **Zaraisky AG**, Tereshina MB (2018). Patterns of Mitosis and Activation of the Map-Kinase Cascade during Tadpole Tail Regeneration in the Refractory Period of Xenopus laevis Development. *RUSS J DEV BIOL* 49 (5), 260–263, 10.1134/S1062360418050028
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37. **(конференция)** Иванова АС, Мартынова НЮ, Ермакова ГВ, Короткова ДД, **Зарайский АГ** (2018). GENES MISSING IN AMNIOTES REGULATE REGENERATION IN ANAMNIOTES. *EMBO Conference* , 124.
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41. **(конференция)** Иванова АС, **Зарайский АГ** (2018). The secreted factor Ag1 and small GTPases Ras-dva missing in amniotes regulate fins regeneration in Danio rerio. *2nd International FishMed Conference on Zebrafish Research* , 104.
42. Martynova NY, Eroshkin FM, Orlov EE, **Zaraisky AG** (2018). HMG-box factor SoxD/Sox15 and homeodomain-containing factor Xanf1/Hesx1 directly interact and regulate the expression of Xanf1/Hesx1 during early forebrain development in Xenopus laevis. *Gene* 638, 52–59, 10.1016/j.gene.2017.09.024
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44. **(конференция)** Korotkova D, Ivanova A, Lyubetsky V, Seliverstov A, Martynova N, Nesterenko A, Tereshina M, **Zaraisky A** (2017). Novel FGF-signaling modulator c-Answer revealed by bioinformatics screening for genes present only in well-regenerative animals. *Mech Dev* (145), S49–PS1.82, 10.1016/j.mod.2017.04.089
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