



Last name, first name, patronymic:

Kabatayeva Zhadyra Kanatovna

Position (Department):

Senior Lecturer Department of Biology

Information about education:

2008 – Sarsen Amanzholov East Kazakhstan State University, specialty: 050113 – Biology (qualification: Bachelor of Biology);

2010 – Sarsen Amanzholov East Kazakhstan State University, specialty: 6N0607 – Biology (qualification: Master of Biology).

Academic degree:

Master of Biology

Academic title:

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Pedagogical experience:

15 years

Subjects taught:

Genetics, Zoology, Statistical Methods in Biology, Digitalization of Biological Educational Resources, Microorganisms and the Environment.

Scientific interests:

Digitalization of higher education, innovative approaches to teaching biological disciplines, development of digital educational resources.

Publications and articles:

1. *The research of winter hardiness and seasonal development of some woody plants in East Kazakhstan.* IOP Conference Series: Earth and Environmental Science, 2020-01-01. DOI: 10.1088/1755-1315/421/8/082024.
2. *Вегетативное размножение некоторых декоративных древесно-кустарниковых растений в частном питомнике.* Вестник государственного университета имени Шакарима города Семей, №1(85), 2019, pp. 232–235.
3. *Жаратылыстану-ғылыми пәндерін оқу үрдісінде ақпараттық-коммуникациялық технологияларды қолданудың маңызы.* Вестник Карагандинского университета. Серия Педагогика, №1(105)/2022, pp. 56–61. DOI: 10.31489/2022ped1/56-61.
4. *Priming of Solanum tuberosum in vitro plants with PVY-specific interfering RNAs activates anti-viral resistance.* Eurasian Journal of Applied Biotechnology, (3), 14–24. <https://doi.org/10.11134/btp.3.2022.2>.
5. *Isolation of CP-PVY-Specific siRNA from PVY-Infected Plants of Solanum tuberosum.* Russian Journal of Plant Physiology, 2023, 70(4), 72 (Scopus Q3, percentile 48). <https://doi.org/10.1134/s1021443722700108>.
6. *New model and paradigms of complex formation of competencies in biological disciplines.* International Journal of Innovative Research and Scientific Studies, 8(3), 568–579. <https://doi.org/10.53894/ijirss.v8i3.6575>.
7. *Разработка технологии функционального кисломолочного продукта с добавлением топинамбура.* Вестник Алматинского технологического университета, 2025;148(2):116–125. <https://doi.org/10.48184/2304-568X-2025-2-116-125>.
8. *Development of Scientific Writing and Communication Skills in the Context of Forestry Research.* International Journal of Cognitive Research in Science, Engineering and Education (IJCRSEE), 13(2), 439–453 (2025). <https://doi.org/10.23947/2334-8496-2025-13-2-439-453> (Scopus).

Textbooks and learning materials:

9. *Микробиология вирусология негіздерімен пәнінен зертханалық сабақтар* (in Kazakh and English). Ust-Kamenogorsk: “Berel” Publishing House, Sarsen Amanzholov EKSU, 2018. – 93 p.
10. *Kazakh–Russian–English Biological Dictionary.* Ust-Kamenogorsk: EKSU Press, 2018. – 95 p.
11. *Entomology: Textbook.* Ust-Kamenogorsk: “Berel” Publishing House, Sarsen Amanzholov EKSU, 2018. – 114 p.
12. Patent for Utility Model No. 7715 “Method for isolating short interfering RNAs from PVY-infected potato plant material” dated 01.09.2022.
13. *Biology of the Bee Family: Textbook* / S. F. Kolosova, A. A. Kitapbaeva, I. V. Kashkarova, K. B. Alipinova. — Ust-Kamenogorsk: “Berel” Publishing House, Sarsen Amanzholov East Kazakhstan University, 2024. — 134 p.