



**Last name, first name, patronymic:**

Komekova Gulsara Kabievna

**Position (Department):**

Senior Lecturer Department of Biology

**Information about education:**

- In 1992, she graduated from East Kazakhstan State University with a degree in Chemistry and a minor in Biology, earning the qualification of "Teacher of Chemistry and Biology."
- In 2010, she graduated with honors from the Master's Program in Biology at East Kazakhstan State University named after S. Amanzholov, earning the degree of "Master of Biology."

**Academic degree:**

Master's degree in Biology

**Academic title:**

**Pedagogical experience:**

Total work experience: 33 years, Academic and teaching experience: 15 years

**Subjects taught:**

Plant biotechnology, applied biology with soil science basics, plant growing, plant and animal ecology

**Scientific interests:**

Microclonal plant propagation, plant biotechnology, and breeding.....

**Publications and articles:**

- more than 30 scientific and methodological works have been published: textbooks, teaching aids, methodological manuals, methodological guidelines, more than 20 articles, and electronic educational resources.

**SCOPUS:** The research of winter hardiness and seasonal development of some woody plants in East Kazakhstan  
To cite this article. - IOP Conference Series: Earth and Environmental Science, 2020. - h-index - 1.0

- Isolation of CP-PVY-Specific siRNA from PVY-Infected Plants of Solanum tuberosum. – Volume 70, Issue 4, Article 72 – 2022. – Russian journal of plant physiology.

**Patent:** a way to obtain short interferent RNA from infected potato plant material. - No. 7715. – 2022/0749. 2.from 06.01.2023 G.

**Author's certificate:** methodological recommendations for Biotechnology. - No. 62192. - 17.09.2025