



№ 289
Алматы қаласы

№ _____
город Алматы

Ethical approval

1.	Full name of PhD student	Akimniyazova Aigul Nurlankyzy
2.	Specialty of PhD Program	6D074000 - Nanomaterials and nanotechnology
3.	Time period of study at PhD Program	2018-2021
4.	Theme of the thesis, date of approval	The interaction of miRNAs with mRNAs of candidate genes of gastrointestinal tract cancer, 30.10.2018, Order № 4-4383.
5.	Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	Ivashchenko Anatoliy Timofeevich, Doctor of biological sciences, professor, al-Farabi Kazakh National University, Kazakhstan. Uversky Vladimir Nikolaevich, PhD Biophysics, professor, University of South Florida, USA.
6.	Objects of study	The nucleotide sequences of 6274 miRNA and 372 candidate human genes involved in the development of the gastrointestinal tract cancer.
7.	Planning, sampling and conducting of study	No violations found
8.	Dissemination of results or practical implementation	No violations found
9.	Protection of rights, safety and welfare of research objects	According to principles of bioethics
10.	Code of approval	IRB-A467
11.	Date of study approval	16.11.2023

Chair of LEC

Secretary of LEC



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Shaukharova M.