



№ 516
Алматы қаласы

№ _____
город Алматы

Ethical approval

1.	Full name of PhD student	Alzhanuly Bakhytzhana
2.	Specialty of PhD Program	«6D060700 – Biology»
3.	Time period of study at PhD Program	2017 – 2020
4.	Theme of the thesis, date of approval	«Development of a cell therapy approach for diabetes by engineering tunable insulin production in β -cells», 31.10.2017
5.	Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	Sharipov Kamaliddin Orynbayevich - Doctor of Biological Sciences, Professor, Director General of the M.A.Aitkhozhin Institute of Molecular Biology and Biochemistry, Kazakhstan Evgeniy Panzhinskiy - Phd, Postdoctoral fellow researcher at Diabetes Research Group (James D. Johnson's Lab), University of British Columbia, Canada
6.	Objects of study	HEK 293 cells, HEK 293T cells, H1 human embryonic stem cells, lentivirus, mouse Min6 cells, human pancreatic islets.
7.	Planning, sampling and conducting of study	Violations are not revealed
8.	Dissemination of results or practical implementation	Violations are not revealed
9.	Protection of rights, safety and welfare of research objects	According to the ethical principles
10.	Code of approval	IRB – A1561
11.	Date of study approval	13.03.2025

Chair of LEC

G. Ussatayeva

Secretary of LEC

M. Chukharova

