

«ӘЛ-ФАРАБИ АТЫНДАҒЫ
ҚАЗАҚ ҰЛТТЫҚ УНИВЕРСИТЕТІ»
КОММЕРЦИЯЛЫҚ ЕМЕС АКЦИОНЕРЛІК ҚОҒАМЫ

ҒЫЛЫМ ЖӘНЕ ИННОВАЦИЯЛЫҚ
ҚЫЗМЕТ ДЕПАРТАМЕНТІ
ЖЕРГІЛІКТІ ЭТИКАЛЫҚ КОМИТЕТ

ЖЭК
ЛЭК



НЕКОММЕРЧЕСКОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО
«КАЗАХСКИЙ НАЦИОНАЛЬНЫЙ
УНИВЕРСИТЕТ ИМЕНИ АЛЬ-ФАРАБИ»
ДЕПАРТАМЕНТ ПО НАУКЕ
И ИННОВАЦИОННОЙ ДЕЯТЕЛЬНОСТИ
ЛОКАЛЬНЫЙ ЭТИЧЕСКИЙ КОМИТЕТ

№ 849 от 01.06.26.
Алматы қаласы

№ 849 от 01.06.26.
город Алматы

Ethical approval

1.	Full name of PhD student	Ahmad Izaz
2.	Specialty of PhD Program	Educational program "8D05301-Chemistry"
3.	Time period of study at PhD Program	2022-2025
4.	Theme of the thesis, date of approval	«Using Advanced Spectroscopic and Chromatographic Techniques to Study the Biotransformation of Steroidal Drugs and Phytochemical Constituents of <i>Tussilago Farfara</i> L», 16.05.2025
5.	Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	Bates Malikovna Kudaibergenova, PhD., Acting professor, Faculty of Chemistry and Chemical Technology, Al-Farabi Kazakh National University, Kazakhstan M. Iqbal Chaudhary, PhD., professor, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Pakistan
6.	Objects of study	1. To carry out phytochemical analysis of <i>Tussilago farfara</i> L. in order to isolate and characterize secondary metabolites with potential therapeutic value. 2. To achieve structural modification of methylprednisolone acetate using selected fungal strains to obtain new steroidal derivatives with enhanced pharmacological activity
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 principles of bioethics
10.	Absence or presence of the use of artificial intelligence technologies in the preparation of the dissertation research	No artificial intelligence technologies were used in the preparation of the dissertation research
11.	Code of approval	IRB – A1981
12.	Date of study approval	28.05.2026

Chair of LEC



G. Ussatayeva

Secretary of LEC

S. Madiyev