

ANNOUNCEMENT

The dissertation council at the M. Auezov South Kazakhstan university informs about the defense of the doctoral dissertation for the degree of doctor of philosophy (PhD) Akhmet Ainagul on the topic "**Technology of the valuable components bioleaching from phosphorus-containing wastes of the Southern Kazakhstan** " in the specialty 6D070100– Biotechnology.

The dissertation was completed at the Department of «Biotechnology» of the M. Auezov South Kazakhstan University.

The language of the defense is Kazakh.

The dissertation is presented in the form of a dissertation work.

Official reviewers:

1. Kanayev Ashimkhan Toktasynovich - Doctor of Biological Sciences, specialty 03.00.16 - Ecology, Professor of the Department of Biodiversity and Bioresources, Faculty of Biology and Biotechnology, Al-Farabi Kazakh National University.
2. Sarmurzina Zinigul Serikovna - Candidate of Biological Sciences, specialty 03.00.07 - Microbiology, Head of the "Center for the Study of Antibiotics and Secondary Metabolites" of the "Republican Collection of Microorganisms" LLP.

Scientific supervisor:

1. Issayeva Akmaral Umurbekovna - Doctor of Biological Sciences, specialty 03.00.16 Ecology, professor of the South Kazakhstan University M. Auezov. Shymkent, Republic of Kazakhstan.
2. Radoslaw Pankiewicz - Dr. hab., professor at Adam Mickiewicz University, Poznań, Poland.

The permanent composition of the dissertation council:

1. Alibaev Nuradin - Doctor of Agricultural Sciences, specialty 06.02.01 -Breeding of farm animals, their selection, genetics and reproduction. South - Kazakhstan University M. Auezov. Shymkent, Republic of Kazakhstan.
2. Zhambakin Kabyl Zhaparovich - Doctor of Biological Sciences, Professor. General Director of the RSE "Institute of Plant Biology and Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan, Deputy Chairman. Almaty, Republic of Kazakhstan
3. Akhmetsadykova Shynar Nurlanovna - PhD, head of laboratories "Laboratory biotechnology of probiotics" of the research and production enterprise "Antigen" LLP. Almaty, Republic of Kazakhstan.
4. Saparbekova Almira Amangeldievna - Candidate of Biological Sciences, Professor of the South Kazakhstan University M. Auezov. Shymkent, Republic of Kazakhstan.

Temporary composition of the dissertation council:

1. Mukasheva Togzhan Dzhangeldievna – Doctor of Biological Sciences specialty 03.00.07- Microbiology, Professor of the Department of "Biotechnology" of Al-Farabi Kazakh National University. Almaty, Republic of Kazakhstan.
2. Nauanova Ainash Pakhuashovna – Doctor of Biological Sciences specialty 03.00.07 Microbiology, Professor of the Department of "Soil Science and Agrochemistry" of S. Seifullin KAZATU. Astana, Republic of Kazakhstan.

3. Kurmanbayev Askar Abylaikanovich – Doctor of Biological Sciences specialty 03.00.07- Microbiology, Professor. LLP “Kazakh Scientific Research Institute of Soil Science and Agrochemistry named after U.U. Uspanova. Almaty, Republic of Kazakhstan

4. Zhumabayev Ualikhan Agabekovich – Doctor of Biological Sciences specialty 14.00.07 – Hygiene, professor of the Akhmet Yassawi International Kazakh-Turkish University. Turkestan, Republic of Kazakhstan.

The defense will be held on 15 March, 2023 at 11.00 in the Dissertation Council at M. Auezov South Kazakhstan University in Shymkent, Tauke Khan Avenue 5, main building, 3rd floor, room 342,

on the platform Zoom

<https://zoom.us/j/7783801780?pwd=dVJYdFM1M0xRcmpqeWNRyO0hmYXJmUT09>

Conference ID: 778 380 1780

Access code: 0000

**The chairman of the Dissertation
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