

**ACHIEVEMENTS IN THE FIELD OF QUALITY
of the Department of Biotechnology
for the 2024-2025 academic year**

Directions	Progress
1 Educational	<ul style="list-style-type: none"> - According to the results of the examination session, the academic performance of students in the department's specialties is 85%; - Students are enrolled in a dual education program in the specialties: "Food Technology," "Biotechnology," "Technological Nutrition and Food Engineering," and "Technological Nutrition and Food Engineering." - In accordance with the UML plan, four teaching aids were developed and published, approved by the university's Academic Council for the department's disciplines in the specialties "Food Technology" and "Biotechnology"; - One course was published on the Enbek.kz platform: B.S. Tuganova's "Cheese Making" - Three students completed industrial training in Germany.
2 Educational	<ul style="list-style-type: none"> - Republican Subject Olympiad: 2nd place in the group of educational programs "B068 - food production" (supervisor senior teacher Mukhamedzhanova A.S., students Sultanova D., Darkhanbekova A., Saparov A.). - The Republican Subject Olympiad for the Biotechnology Educational Program was held. - Student of the TPP-302 group (c) Bogdan Markovsky - 3rd place in Track and Field; - Student of the TOT-301 group Aliana Zholdasbekova - Miss ToU-2024 - First Vice-Miss, Miss Pavlodar 2024 finalist
3 Scientific	<ul style="list-style-type: none"> - The faculty of the Department of Biotechnology published 7 scientific articles during the 2024-2025 academic year; 5 articles and 2 patents were indexed in Scopus/WoS; - The faculty of the Department of Biotechnology published 3 monographs during the 2024-2025 academic year; - PhD, Professor B.S. Tuganova completed training at the All-Russian Scientific Research Institute of Meat Processing (VNIIMS), a branch of the V.M. Gorbatov Federal Scientific Center for Food Systems of the Russian Academy of Sciences, under the program: "Equipment and Technology of Butter Products" for 72 hours (12.03.24-20.03.24), and completed advanced training courses on the topic: "Cheese Technique and Technology," 144 hours (2024). A.S. Mukhamedzhanova completed an internship in Toronto, Italy, "Terrf Madre Salone del Gusto organized in Parco Dora," 2024. - Awarding of the title of Associate Professor KOKSON to I.N. Anikina. - 1st international scientific and practical conference - Two student research papers won first place in the Republican Research Competition. - Two master's students, S. Amangeldi and M. Pozhidaev, were awarded first-place diplomas in the "Agricultural Sciences" category of the International Research Competition. Supervisor: I. N. Anikina, PhD (Agricultural Sciences). - Research total: 19,792,700 million tenge.
4 Marketing	<ul style="list-style-type: none"> - the student contingent at the beginning of the academic year was 6B07203 "Technology of Food Products" - 8 students (TPP-102-8, TPP-102s-2, TOT-101-8, TOT-101(k) - 4). 6B05102 "Biotechnology" - 16 students (Bt-101 - 5, Bt-101 (k) - 1, Bt-102 - 9, Bt-102 (s) - 1). "Technological Nutritiology and Engineering" - 17 students (TlzhTN-101-8, TNiPN - 102 -9). - 4 students were recruited for the 7M05102 "Biotechnology" specialty (MBT-12n - 3, (3 - grant from the Ministry of Education and Science of the Republic of Kazakhstan), MBT-12n/2 - 1 (1 - grant from the Ministry of Education and Science of the Republic of Kazakhstan). - In 2024, according to the Atameken rating, the "Biotechnology" program took 9th place, and the "Food Technology" program took 3rd place.

Head of the Department of Biotechnology



K. Isaeva

