**Vision, mission and values of the Program**

**Vision of the Program**: to become an innovative type of research department that implements the scientific and educational process at the level of international standards in partnership with research organizations and the real sector of the economy and provides competitive veterinary specialists in the labor market.

**The Program's mission** is to ensure the country's veterinary safety through the development of veterinary science and technology, the introduction of its achievements into production, and the training of competitive and competent veterinary personnel with modern knowledge for the agro-industrial complex.

**The value of the Program** is the creation of a model of an innovative type of research department with a high level of research and educational activities aimed at integrating science, education and production and its transformation into other universities in the country for the training of veterinary specialists.

**Strategic priorities of the Department**

**Academic activities** In academic activity, a strategic priority is to take systematic measures to plan and manage educational activities for the effective organization of the educational process aimed at improving the quality of specialist training within the framework of the modern model of a research university.

**At the same time, efforts will be directed at:** 1) training of highly qualified veterinary specialists of a new formation, primarily through the rapid updating of educational programs based on foresight research of the labor market, the needs of agribusiness and strengthening the practical orientation of training; 2) ensuring the integration of education, science and production through the maximum involvement of Research Institute scientists, experienced managers and specialists of advanced agricultural enterprises in the educational process; 3) ensuring integration into the international scientific and educational space; 4) the introduction of innovative learning technologies; 5) creation of a system of internal and external quality assurance of veterinary education; 6) development of academic mobility; 7) implementation of student-centered learning; 8) the development of moral values such as integrity, academic integrity, integrity in teaching and evaluating students' knowledge. The department has created a platform for anti-corruption technologies to form an appropriate culture among students.

**Scientific activity**

The strategic priorities in the scientific activity of the department are:

– maximum involvement of the faculty of the department, students, undergraduates and doctoral students in the scientific activity together with the scientists of the Research Institute;

– strengthening intellectual potential;

– development of applied science in the field of veterinary medicine and pharmacy;

– compliance of scientific research topics with the needs of veterinary medicine;

– active participation of the faculty of the Department in funded grant research projects through the Ministry of Internal Affairs and the Ministry of Agriculture of the Republic of Kazakhstan;

– focusing on the implementation of scientific research results in the educational process and production.

**The third mission of the department**

The strategic priority of the department's third mission is its participation in the dissemination of knowledge, the introduction of research results into production, and participation in the implementation of socially significant projects in the target region. In particular, the faculty of the department will participate not only in the creation, but also in the effective functioning of knowledge dissemination centers in the field and, thus, act as the main actor in the training of heads of farms, advanced training of veterinary specialists. Innovative pilot projects will be implemented on the basis of experimental farms, which will later be used as a training base for veterinary specialists and demonstration of new technologies. The staff of the department, as part of the implementation of scientific projects, will develop new bio- and phytopreparations that will be introduced into business entities, and in the future the developments obtained will be commercialized within the framework of the project PCF of the Ministry of Agriculture of the Republic of Kazakhstan. The obtained results of scientific research of the department will be used in the educational process when writing textbooks and teaching aids for students of the specialty «Veterinary Medicine».

**Ways to achieve the goal of the Program**

To achieve the set goals and objectives of the Program, work will be carried out in the following areas:

- strengthen the material and technical base of the department, open a pharmaceutical laboratory;

- annually upgrade the qualifications of teaching staff in leading foreign universities and research institutes;

- to recruit young scientists from among the graduates of doctoral studies who are proficient in English;

- to eliminate the language barrier, actively attend English language courses with appropriate certificates;

- strengthening the research activities of the department through the active participation of the faculty of the Department in funded grant projects through the EOM, the Ministry of Agriculture of the Republic of Kazakhstan and contractual topics and to introduce the results of scientific research into the educational process;

- to develop mechanisms for interaction between education and the labor market, including through public expertise to assess the quality of a teacher's work;

- implement professional retraining programs that stimulate the development of new competencies among teachers and staff;

- to involve practitioners from the business sector in teaching activities;

- to intensify work in the field of international cooperation with leading universities and scientific centers of the countries of the near and far abroad in the Vetinaria specialty for joint training of scientific personnel and the implementation of external academic mobility and double-degree education;

- to provide the educational process with educational and methodological materials for students to acquire the necessary professional competencies.

-systematically carry out educational work among students on issues of moral, spiritual-patriotic, cultural-intellectual, moral-psychological education.

**Description of the expected results of the Program implementation**

The implementation of the Program will achieve the following results by the end of 2029. An innovation and research department with an updated material, technical and laboratory base, which will integrate the implementation of scientific research, the educational process and the implementation of the results of scientific research into production into a single whole. To solve the problem of modernizing veterinary education, the educational process will be radically reformed.

- It is planned to win 1-2 scientific projects through the MNiVO, the Ministry of Agriculture of the Republic of Kazakhstan, 1 under the 019 program;

- The publication index of the department's scientific papers in International rating journals indexed by WebofScience and Scopus will be improved (1-2 articles per year);

- The share of young scientists from the total number of scientists and researchers of the faculty of the department engaged in research and development will be 25%, the share of faculty involved in the corporate governance system – 45%, the share of students involved in organized social activities – 13%.

-The work of the department's staff will be intensified to provide consulting and clinical diagnostic services to agricultural enterprises with the conclusion of service contracts.

- The commercialization of scientific ideas and the implementation of innovative activities through business structures will be intensified;

-The digital competence of the teaching staff of the department will be improved;

- The rate of passing scientific qualifications of teaching staff in leading foreign universities and research institutes will increase to 2-3 annually, in research institutes and universities of the Republic of Kazakhstan to 5-7 annually;

- Young cadres from among doctoral graduates will be involved in teaching (1-2 annually);

- Active cooperation with foreign partner universities in the implementation of scientific and educational programs in veterinary areas will be developed.;

- To eliminate the language barrier, 2-3 staff members of the department will actively attend English language courses every year and receive the appropriate certificate.

- As part of the priority aimed at forming a motivated contingent of students, systematically carry out career guidance among young people with the involvement of up to 6-8 applicants per teacher;

- Educational work will be systematically carried out among students (curators, advisors).

- The share of employment of graduates in veterinary specialists in the first year after graduation will reach 90%.