


**TEACHER'S QUESTIONNAIRE**  
**Department of Microbiology, Virology and Immunology**

| Personal information of the teacher   |  |  |
|---|--|--|
|  | <b>Full Name</b><br>(by identity card) | Kozhakhmetova Zubayra Amirbekovna  |
|   | <b>Date of Birth</b>                   | 04.07.1967   |
|   | <b>Sex</b> (male / female)             | female   |
|   | <b>Nationality</b>                     | kazakh   |
|   | <b>Citizenship</b>                     | The Republic of Kazakhstan   |
|   | <b>Mobilephone, E-mail</b>             | +77751924477<br>zubaira.k@mail.ru  |
| Education   |  |  |
| <b>Higher educational institution</b>   |  |  |
| a) the name   | Almaty Veterinary Institute            |  |
| b) country, city  | г.Алма-Ата                             |  |
| c) year of receipt and termination  | 1987-1992                              |  |
| d) the qualification received on the termination of educational institution       | Veterinarian                           |  |
| Academic degree and rank (today)  |  |  |
| Academic degree   |  | Candidate of Biological Sciences   |
| Dissertation topic  |  | The study of the biological properties of specific strains of microorganisms and their use in the manufacture of koumiss |
| Branch of science   |  | Biotechnology, Dairy industry. Veterinary  |
| The code of scientific specialty  |  | 16.00.03   |
| Name of specialty   |  | Veterinary microbiology, virology, epizootology, mycology with mycotoxicology and immunology                             |
| Year of protection  |  | 2008   |
| Dissertation language   |  | Russian  |
| Academic status   |  | Associate Professor  |
| Place of work (today)   |  |  |
| Full name of the organization   |  | NAO "Kazakh National Agrarian University"  |
| Position held   |  | Associate Professor  |
| Scientific activity   |  |  |
| The head and/or the executor of research in RK ( during the last 3 years)         |  |  |
| <b>Name of research</b>   | <b>Year of realization</b>             | <b>Executor</b>  |
| 1. Development of effective   | 2018-2020                              | MES RK   |

|   |   |                    |   |
|---|---|--------------------|---|
| technologies for the poultry industry, executor   | 2018-2020   | MES RK             |   |
| 2.Indicate therapeutically effect of lactic acid bacteria against necrobacteriosis of cattle  |   |                    |   |
| 3. Development of a domestic probiotic drug based on associated strains of lactic acid bacteria to enhance the immune system in newborn agricultural animals. | 2023-2025   | MES RK             |   |
| Scientificandpedagogicalactivity  |   |                    |   |
| Training of highly qualified personnel  |   |                    |   |
| Degree  | Quantity  | Yearofprotection   | Codeofspecialty   |
| master  | 1   | 2018               | 6M070100 - Biotechnology  |
| master  | 1   | 2019               | 6M073500 - Food Safety  |
| master  | 1   | 2019               | 6M120100 - Veterinary medicine  |
| Information on the number of publications for the last 3 years  |   |                    |   |
| Typeofpublications  |   | Quantity           |   |
| Typeofpublications  |   | 8                  |   |
| Publications in the recommended journals of the MES RK  |   | 3                  |   |
| Publicationsinratingjournals  |   | 30                 |   |
| Teachingaids  |   |                    |   |
| Electronicteachingaids  |   | 1                  |   |
| Monographs  |   | 1                  |   |
| The main scientific publications (for the last 3 years)   |   |                    |   |
| Nameofthepublication  | Author(s)   | Year of theedition | Name of the edition, volume, number, page   |
| 1.«Влияние антагонистической активности штаммов молочнокислых бактерий на возбудителя некробактериоза крупного рогатого скота».                               | Tulemissova ZK, Kozhakhmetova Z.A Myktybayeva RZ,           | 2020               | Научный журнал Исследования, результаты № 1 (85) 2020.ISSN 2304-3334 с. 132- 137. г.Алматы;   |
| 2. Efficacy of lactic acid bacteria against necrobacteriosis in cattle  | Myktybayeva RZ, Tulemissova ZK, Kozhakhmetova Z.A           | 2020               | Bulletin of the Kyrgyz National Agrarian University named after. K.I.Skryabina ISSN 1694-6286 №1 (52) 2020                            |
| 3.Development of starters for dairy products based on gots milk.  | Myktybayeva R, Omarova A., Kozhakhmetova Z.                 | 2021               | International Conference on Microbiology. Biology and Biotehnology of Microorganisms CMBB. 16-17 September, 2021. Tashent, Uzbekistan |
| 4.«Особенности морфологических, культуральных, физиологических и биохимических свойств дрожжей выделенных из вина изготовленного южном регионе Казахстана».   | Кожажметова З.А., Мырзабек К.А., Серикбай К., Абдуллаева М. | 2022               | Журнал «Микробиология и вирусология», стр. 70-75, №4(39), 2022; ISSN 2304-585X  |
| 5.Stady of the antioxidans  | A.G. Nogaibayeva 1,   | 2022               | Internacional Journal of Biolog   |

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|--|---|------|---|
| activity of plant extracts and their effect on the growth of lactic acid bacteria isolated from kumis  | Zh.K. Tulemisova,<br>Z.A. Kozhakhmetova,<br>G.T. Kassenova  |      | and Chemistry 15, №1 (2022), p.47-52;   |
| 6. Comparative characterization of strains of lactic acid bacteria isolated from Kazakhstani mare's milk and koumiss to create probiotic preparation | Fatima Sagymbek,<br>Tolkyn Abdigaliyeva,<br>Assiya Serikbaeva,<br>Zubaira Kozhakhmetova,<br>Zhuldyz Suleimenova | 2023 | Potravinarstvo Slovak Journal of Food Sciences<br>vol. 17, 2023, p. 777-787<br><a href="https://doi.org/10.5219/1906">https://doi.org/10.5219/1906</a><br>ISSN: 1337-0960 online<br><a href="http://www.potravinarstvo.com">www.potravinarstvo.com</a><br>© 2023 Authors, CC BY-NC-ND 4.0 |
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#### Patent / Innovative patent:

| Assigned number                                       | Name   | Author / Patentholder   | Date of issue and validity period  |
|---|--|---|--|
| 1. Patent of the RK No. <b>5112</b> For Utility Model | Association of bacterial strains used against necrobacteriosis in cattle.  | Tulemisova ZK,<br><b>Kozhakhmetova Z.A.</b><br>Myktybayeva RZ,<br>Khusainov D.M.                                | Date of registration in the State Register of Utility Models of the Republic of Kazakhstan.<br><b>03.07.2020.</b>  |
| 2. Patent of the RK No. <b>5113</b> For Utility Model | Composition against necrobacteriosis in ruminants  | Tulemisova ZK,<br><b>Kozhakhmetova Z.A.</b><br>Myktybayeva RZ,<br>Khusainov D.M.                                | Date of registration in the State Register of Utility Models of the Republic of Kazakhstan. .<br><b>03.07.2020</b> |
| 3. Patent of the RK No. <b>5482</b> For Utility Model | The bacterium strain Lactobacillus acidophilus 05ch, used for the production of a biological product against necrobacteriosis in cattle  | Tulemisova ZK,<br><b>Kozhakhmetova Z.A.</b><br>Myktybayeva RZ,<br>Khusainov D.M.                                | Date of registration in the State Register of Utility Models of the Republic of Kazakhstan.<br><b>23.10.2020.</b>  |
| 4. Patent of the RK No. <b>5713</b> For Utility Model | Method for producing kumys with an extended shelf life   | Kozhakhmetova Z.A., Duisembaev K.I., Sansyzbai A.R., Umitzhanov M., Bakirov N.Zh., Serikov M.S.                 | Date of registration in the State Register of Utility Models of the Republic of Kazakhstan.<br><b>31.12.2020.</b>  |
| 5. Patent of the RK No. <b>7343</b> For Utility Model | Strain of lactic acid bacteria Lactobacillus paracasei 010K, used to obtain a probiotic preparation intended for the prevention and treatment of gastrointestinal diseases of agricultural animals, birds and fish | Sagymbek F.G., Abdigaliyeva T.B., Kozhakhmetova Z.A., Makhmaden K., Zetbek G.S., Ikombaev T.D., Urazbekova G.E. | Date of registration in the State Register of Utility Models of the Republic of Kazakhstan. <b>12.08.2022.</b>     |
| 6. Patent of the RK No. <b>8481</b> For Utility Model | Method for producing kumys from mare's milk  | Tulemisova Zh.K., Kassenova G.T., Kozhakhmetova Z.A., Magzamova B.Kh., Syzdykov N.T.                            | Date of registration in the State Register of Utility Models of the Republic of Kazakhstan. <b>6.10.2023.</b>      |
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#### Knowledge of foreign languages

| Language | Level of proficiency (low, average, high) |
|----------|---|
| english  | average                                   |