

TEACHER QUESTIONNAIRE
Department of "Microbiology, virology and immunology"

Personal data of the teacher		
	Surname, Name, Patronymic (identity card)	Kirkimbaeva Zhumagul Slyambekovna
	Date of Birth	20.11.1964
	Gender (male / female)	female
	Nationality	kazakh
	Citizenship	RK
	Mobile phone, E-mail	+7 7776669245 zhumagul77@yandex.ru
Education		
Higher educational institution		
a) name	Semipalatinsk Zootechnical-Veterinary Institute	
b) country, city	Kazakhstan, Semey	
c) year of admission and graduation	1981-1986	
d) qualifications obtained at the end of educational institution	veterinarian	
a) name	Almaty Zooveterinary Institute	
b) country, city	Kazakhstan, Almaty	
c) year of admission and graduation	2002-2005	
d) degree	Doctor of Veterinary Sciences (16.00.03-Veterinary Microbiology, Virology, Epizootology, Mycology with Mycotoxicology Immunology), 2004	
a) position	Professor 2010	
Place of work (today)		
Full name of the organization	Kazakh National Agrarian Research University	
Position held	Head of the Department of Microbiology, Virology and Immunology, Professor	
Scientific activity		
Head and / or performer of research and development in the Republic of Kazakhstan (within the last 3 years)		
Name of research work	Years of implementation	Implementing organization
"Development of technology for production of the probiotic "Enterokol" and the creation of its industrial sample", Ministry of Education and Science of the Republic of Kazakhstan	2018-2020	KazNARU, main performer

The project “Study the epizootol characteristics of the country’s territo animal leptospirosis and develop vete and sanitary measures to increase effectiveness,” according to the “Study the epizootological characte of the country’s territory for espe dangerous diseases and develop vete and sanitary measures to increase effectiveness.” PCF Ministry Agriculture of the Republic of Kazakh		2021-2023	KazVRI LLP, co-executor of KazNARU, head
“Development of technology substantiation of the safety of synbioti aquaculture based on Kazakh mi (zeolite, vermiculite) and probiotic (E.coli39-SN)”, Ministry of Science Higher Education of Kazakhstan		2023-2025	KazNARU, main performer
Scientific and pedagogical activity			
Training of highly qualified personnel			
Degree	Amount	Year of prote	Specialty code
candidate of veterina sciences	1	2011	16.00.03-Veterinary microbiology, vir epizootology, mycology with mycotoxicolog immunology
PhD	1	2014	6D120200-Veterinary sanitation
	2	2024	6D120100-Veterinary medicine
Information about the number of publications for the last 5 years			
Publication type		Amount	
Publications in recommended journa KKSON MES RK		41	
Publications in rating magazines		16	
Study guides		52	
Electronic teaching aids		1	
Monographs		2	
Abstracts and reports at conference symposia (foreign, republican)		56	
Major scientific publications (over the last 5 years)			
Publication title	Authors	The year of publishing Edition title, volume, number, page	
A retrospective study of animal leptospirosis in Kazakhstan	Kirkimbayeva, Zhumagul; Biyashev, Birzhan; Yermagambetova, Svetlana; Kuzembekova, Gulnur; Abdeliev, Bek	Journal of Advanced Veterinary and Animal Research. Том 11, Выпуск 2, Страницы 439 –448. 2024 https://www.scopus.com/record/display.uri?eid=2-s2.0-85197656934&origin=resultslist	

Properties of <i>Pasteurella multocida</i> isolated from animals during the seasonal migration of saigas	Taubaev U.; Ichshanova A.; Kirkimbaeva, Zh.; Radojicic B.; Murzabayev K.; Bayantassova S.; Zakirova F.; Yertleuova B.	<i>Brazilian Journal of Biology</i> . Том 842024 Номер статьи e280780 https://www.scopus.com/record/display.uri?eid=2-s2.0-85186251122&origin=resultslist
Formation of immunological memory of salmonella antigens in cows using different phenotypes of T-lymphocyte populations	Biyashev, Birzhan; Zhanabayev, Saparkhan; Kirkimbaeva, Zhumagul; Sarybayeva, Dinara; Oryntayev, Kairat	<i>Scientific Horizons</i> . Том 27, Выпуск 8, Страницы 24 – 34. 2024 https://www.scopus.com/record/display.uri?eid=2-s2.0-85203181625&origin=resultslist
Study of antibiotic resistance of <i>Salmonella</i> strains forming biofilm	Zhusanbayeva, Aygerim; Biyashev, Birzhan; Kirkimbaeva, Zhumagul; Zhylkaydar, Arman; Valdovska, Anda	<i>Scientific Horizons</i> Том 27, Выпуск 7, Страницы 20 – 312024 https://www.scopus.com/record/display.uri?eid=2-s2.0-85201574282&origin=resultslist
Epizootological monitoring of some bacterial infectious diseases of animals on the territory of the Republic of Kazakhstan	Zhumagul Kirimbayeva, Aspen Abutalip, Assiya Mussayeva, Gulnur Kuzembekova, Natalya Yegorova	Comparative Immunology, Microbiology and Infectious Diseases, (2023) doi: https://doi.org/10.1016/j.cimid.2023.102061 , IF=2, Q2. Percentile – 60.
Etiopathogenetic changes in the blood of cattle with leptospirosis	Kirkimbaeva Zh.S., Biyashev B.K., Ermagambetova S.E., Sarybaeva D.A.	Multidisciplinary journal “3i: intellect, idea, innovation - intelligence, idea, innovation”, No. 1, March 2023, pp. 3-15, DOI: 10.52269/22266070_2023_1_3.
Ecological-geographical and epizootological features of animal leptospirosis in the south-east of Kazakhstan.	Kirkimbaeva Zh.S., Biyashev B.K., Ermagambetova S.E., Bogoyavlensky A.P.	GBJ, vol. 1, issue. 1 (66), pp. 12–23, Mar. 2022 – pp. 12-23 (edition recommended by COKSON). DOI 10.52578/2305-9397-2022-1-1-12-23.
Distribution of <i>Listeria monocytogenes</i> in farms of Almaty region.	Kirkimbaeva Zh.S., Musaeva A.K., Egorova N.N., Kuzembekova G.B., Sarybaeva D.A.	Scientific and practical magazine "Science and Education" WKTU named after. Zhangir Khan. 1 volume No. 3-1(68)2022. DOI 10.56339/2305-9397-2022-3-1-3-12.- P. 96-104.
Determination of prophylactic and therapeutic effectiveness of probiotic strain <i>Escherichia coli</i> 39-SN..	Biyashev B., Biyashev K., Bulegenova M., Kirkimbaeva Zh., Zhylkaidar A.	<i>Journal of medicine and life</i> , Volume 15, Issue 1, January 2022, pp. 20-25. DOI 10.25122/jml-2021-0118. Scopus. Q2. Percentile – 64. (https://pubmed.ncbi.nlm.nih.gov/35186132/)
The effect of the drug «Enterocol» on the humoral factors of calf body resistance	Bulegenova, M., Biyashev, K., Kirkimbaeva, Z., Oryntayev, K., Altenov, A.	Advances in Animal and Veterinary Sciences August 2019 Volume 7 Issue 8 Page 674 -680. Scopus. Q3. Percentile – 39.

		(https://www.scopus.com/sourceid/21100818501?origin=resultslist).
Cattle listeriosis situation in Abay region	Kuzembekova G.B., Kirkimbaeva Zh.S., Musaeva A.K., Sarybaeva D.A., Zholdasbekova A.E., Murzabaev K.E.	Scientific and practical magazine "Science and Education" WKTU named after. Zhangir Khan. 1 volume No. 1-1(70)2023. DOI 10.56339/2305-939C. 7-2023-1-1-3-10.- P. 177-187
Leptospirosis in cattle from markets of Almaty province, Kazakhstan	Kirkimbayeva, Z., Lozowicka, B., Biyashev, K., Kuzembekova, G., Paritova, A.	Bulletin of the Veterinary Institute in Pulawy, 2015, 59(1), c. 29-35 Scopus
Carrier state of pasteurellosis in saiga antelopes in the western Kazakhstan region	Ichshanova, A., Taubaev, U., Absatirov, G., Kirkimbaeva, Z., Radojicic, B.	Indian Veterinary Journal, 2018, 95(8), c. 17-18 Scopus
The prevalence of pathogens of intestinal zoonoses in animals and in environmental objects	Bulegenova, M.D., Biyashev, K.B., Biyashev, B.K., Kirkimbayeva, Z.S., Ermagambetova, S.E.	Journal of Pharmaceutical Sciences and Research, 10 (9), pp. 2373-2375. 2018. Scopus. Q3. Percentile–27. (https://www.scopus.com/sourceid/19700174933?origin=resultslist).
Study of the degree of heavy and toxic metal pollution of soils and forages of peasant farms in the Almaty region	Sarsembayeva, N., Abdigaliyeva, T., Kirkimbayeva, Z., Urkimbayeva, A., Biltebay, A.	International Journal of Mechanical Engineering and Technology, 2018, 9(10), c. 753-760. Scopus. Q2. Percentile – 56. (https://www.scopus.com/sourceid/21100808402?origin=resultslist).
A method for producing an attenuated strain of Salmonella.	Zholdasbekova A., K.B.Biyashev, B.K.Biyashev, Sarybaeva D.A., Zhhumanov K.T.	Journal of Pharmaceutical Sciences and Research. Vol.10(11) 2018, 1941-1943 https://www.scopus.com/record/display.uri?eid=2-s2.0-85041109689&origin=resultslist&sort=plf-f
Determination of the level of resistance of probiotic strain escherichia coli 64g to hydrochloric acid, bile and antimicrobial agents	Biyashev, K.B., Kirkimbaeva, Z.S., Biyashev, B.K., Makbuz, A.Zh., Bulegenova, M.D.	Egology, Environment and Conservation. 2019. DOI 10.17582/journal.aavs/2019/7.8.674.680. Процентиль 31%. https://www.scopus.com/record/display.uri?eid=2-s2.0-85072697511&origin=resultslist&sort=plf-f
The effect of Enterocol on the humoral characteristics of the body in newborn piglets	Biyashev K.B., Kirkimbaeva Zh.S., Oryntayev K.B., Bulegenova M.D.,	Ізденістер, нәтижелер №2, 2020, стр.53-58

	Zhylkaydar A.Zh.	
Hematological indices condition in newborn piglets on the top of "Enterokol" preparation application	Kirkimbaeva Zh.S., Nurgozhaeva G.M., Oryntayev K.B., Zhumanov K.T., Zhylkaydar A.Zh.	Ізденістер, нәтижелер – Исследования, результаты. № 1 (85) 2020. Стр. 97-102. ISSN 2304-3334. DOI 616.15:615.2/3]:636.4.
Влияние препарата «Энтерокол» на гематологические показатели организма у новорожденных телят	Киркимбаева Ж.С., Ермагамбетова С.Е., Орынтаев К.Б., Сарыбаева Д.А., Жылкайдар А.Ж.	International scientific journal, «Global science and innovations 2020: Central Asia», Nur-Sultan, Kazakhstan, Feb-March 2020. Стр.34-39
Control of the stability of the residual virulence of the attenuated Srtain Salmonella Dublin 31	Zholdasbekova A.E. Biyashev K.B, Biyashev B.K, Valdovska A, Kirkimbaeva Zh.S.	Of the national academy of Sciences of the Republic of Kazakhstan, Series of Agricultural Sciences, ISSN 2224-526X, Volume 3, Number 45 (2018), (CQAEM ERK) P. 5-9.
Patent / Innovation Patent:		
Assigned number	Name	Author / Patentee Date of issue and expiration date
For utility model № 9789	Preparation for therapy of mastitis of cows	Bessembayeva L.B., Kirkimbayeva Zh.S., Sarybayeva D.A., Yermagambetova S.Y., Kuzembekova G.B., Zhylkaidar A.Zh., Zholdasbekova A.Y.
2024/1185.2	Method for obtaining hyperimmune serum for specific prevention and treatment of anaerobic	Bessembayeva L.B., Kirkimbayeva Zh.S., Sarybayeva D.A., Yermagambetova S.Y., Kuzembekova G.B., Zhylkaidar A.Zh., Zholdasbekova A.Y.
Utility model patent, №4145	Escherihia coli 39 SN bacterial strain used to obtain a probiotic preparation	Biyashev K, B., Bulegenova M.D., Biyashev B.K., Kirkimbaeva Zh.S., Sarybaeva D.A. 09.07.2019
Utility model patent, №4284	Method for the prevention of gastrointestinal diseases in newborn young farm animals	Biyashev K, B., Bulegenova M.D., Biyashev B.K., Kirkimbaeva Zh.S., Sarybaeva D.A. 06.09.2019
Utility model patent, №4672	Method for making a vaccine against bovine mastitis	Zhylkaidar A.Zh., Kirkimbaeva Zh.S., Zhumanov K.T., Sarybaeva D.A., Koshkimbaev S.S. 02/12/2020
Utility model patent, №4674	Method for the prevention of salmonellosis in cattle	Kirkimbaeva Zh.S., Zhumanov K.T., Koshkimbaev S.S., Altenov A.E., Kulpybai E.E. 02/12/2020
Innovative patent of the Republic of Kazakhstan No. 12828 for 20 years	Polyvalent dry concentrated vaccine against leptospirosis in animals, method of obtaining the vaccine, method for preventing	Biyashev K, B., Biyashev B.K., Kirkimbaeva Zh.S.

	leptospirosis in animals	
Innovative patent of the Republic of Kazakhstan No. 25918	Biological product "Enterokol", a method for its production, a method for the prevention of intestinal infections in young farm animals and birds	Biyashev K.B., Biyashev B.K., Kirkimbaeva Zh.S., Sarybaeva D.A., Yermagambetova S.E.
Innovative patent of the Republic of Kazakhstan No. 30664	Method for extracting DNA from bacterial cells of enteroinfectious pathogens	Biyashev K.B., Biyashev B.K., Kirkimbaeva Zh.S., Makbuz A.Zh., Yermagambetova S.E.
Innovative patent of the Republic of Kazakhstan No. 20070	Method for isolating chromosomal DNA from Leptospira cells	Biyashev K.B., Biyashev B.K., Kirkimbaeva Zh.S., Makbuz A.Zh., Yermagambetova S.E.
Foreign language skills		
Language	Proficiency level (low, high)	
English	Elementary	