TEACHER QUESTIONNAIRE
Department of "Microbiology, virology and immunology"

Personal data of the teacher		
	**Surname, Name, Patronymic (by identity card)**	**Biyashev Birzhan Kadyrovich**
	Date of Birth	**31.08.1966**
	Gender (male / female)	**male**
	Nationality	**Kazakh**
	Citizenship	**RK**
	Mobile phone, **E-mail**	***biyashev@mail.ru***

Education	
Higher educational institution	
a) name	Alma-Ata Zooveterinary Institute
b) country, city	Republic of Kazakhstan, Almaty
c) year of admission and graduation	1983 – 1990
d) qualifications obtained at the end of the educational institution	Veterinarian
a) name	Kazakh State Agrarian University
b) country, city	Republic of Kazakhstan, Almaty
c) year of admission and graduation	1990-1997
d) degree	Candidate of Veterinary Sciences
a) position	Doctor of Veterinary Sciences, No. 0000062, dated April 21, 2005 (protocol No. 2). Astana. 16.00.03-Veterinary microbiology, virology, epizootology, mycology and immunology

Place of work (today)	
Full name of the organization	Kazakh National Agrarian Research University
Position held	Professor of the Department of Microbiology, Virology and Immunology

Scientific activity

Head and / or performer of research and development in the Republic of Kazakhstan (within the years)		
Name of research work	Years of implementation	Implementing organization
Name of research work	**Years of implementation**	**Implementing organization**
"Development of technology for the production of the probiotic drug "Enterokol" and the creation of its pilot industrial sample", Ministry of Education and Science of the Republic of Kazakhstan	2018-2020	KazNARU, main performer
The project "Study the epizootological characteristics of the country's territory for animal leptospirosis and develop veterinary and sanitary measures to increase their effectiveness," according to the NTP "Study the epizootological characteristics of the country's territory for especially dangerous diseases and develop veterinary and sanitary measures to increase their effectiveness." PCF Ministry of Agriculture of the Republic of Kazakhstan	2021-2023	KazVRI LLP, co-executor of KazNARU
"Development of technology and substantiation of the safety of synbiotics for aquaculture based on Kazakh minerals (zeolite, vermiculite) and probiotic strain (E.coli39-SN)", Ministry of Science and Higher Education of Kazakhstan	2023-2025	KazNARU, project Manager

Scientific and pedagogical activity			
Training of highly qualified personnel			
Degree	**Amount**	**Year of protec**	**Specialty code**
candidate of veterinary sciences	1		16.00.03-Veterinary microbiology, virology, epizootology, mycology with mycotoxicology and immunology
PhD	3	2013-2018	6D120100-Veterinary medicina
masters of veterinary sciences	16	2012-2024	6M120100 Veterinary medicina

Information about the number of publications for the last 5 years	
Publication type	**Количество**

Publications in recommended journals KK MES RK	50
Publications in rating magazines	13
Study guides	40
Electronic teaching aids	1
Monographs	2
Abstracts and reports at conferences, sym (foreign, republican)	5

Major scientific publications (over the last 5 years)

Publication title	**Authors**	**The year of publishing Edition title, volume, number, page**
Determination of the level of resistance of probiotic strain escherichia coli 64g to hydrochloric acid, bile and antimicrobial agents	Biyashev,B. K.,Biyashev, K.B., Kirkimbaeva, Z.S., Biyashev, B.K., Makbuz, A.Z., Bulegenova, M.D.	Ecology, Environment and Conservation, 2019, 25(4), P.1930–1933 https://www.scopus.com/record/display.uri?eid=2-s2.0-85084196887&origin=resultslist
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, 2019, 7(8), P.674–680 https://www.scopus.com/record/display.uri?eid=2-s2.0-85072697511&origin=resultslist
Determination of prophylactic and therapeutic effectiveness of probiotic strain Escherichia coli 39-SN	Biyashev, B., Biyashev, K., Bulegenova, M., Kirkimbaeva, Z., Zhylkaidar, A.	Journal of Medicine and Life, 2022, 15(1), P.20–25 https://www.scopus.com/record/display.uri?eid=2-s2.0-85125020763&origin=resultslist
Chemical analysis of the state of Ukrainian soils in the combat zone	Biyashev, B., Drobitko, A., Markova, N., Bondar, A., Pismenniy, O.	International Journal of Environmental Studies, 2023 https://www.scopus.com/record/display.uri?eid=2-s2.0-85175631315&origin=resultslist
Impacts of war on Ukrainian nature	Hartmane, I., Biyashev, B., Getman, A.P., Yaroshenko, O.M., Anisimova, H.V.	International Journal of Environmental Studies, 2024 https://www.scopus.com/record/display.uri?eid=2-s2.0-85184916936&origin=resultslist
A retrospective study of animal leptospirosis in Kazakhstan	Kirkimbayeva, Z., Biyashev, B., Yermagambetova, S., Kuzembekova, G., Abdeliev, B.	Journal of Advanced Veterinary and Animal Research 439–448
Study on the Biological Drug Enterocol's Effect on the Nile Tilapia Breeding	Moldagaliyeva, D.Z., Sarsembayeva, N., Uzakov, Y.M., Biyashev, B. Pravin, N., Kozhamseitova, A.	Open Agriculture, 2024, 18, e18743315313822

Study of antibiotic resistance of Salmonella strains forming biofilm	Zhusanbayeva, A., Biyashev, B., Kirkimbaeva, Z., Zhylkaydar, A., Valdovska, A.	Scientific Horizons, 2024, 27(7), p 20–31
Formation of immunological memory of salmonella antigens in cows using different phenotypes of T-lymphocyte populations	Biyashev, B., Zhanabayev, S., Kirkimbaeva, Z., Sarybayeva, D., Oryntayev K.	Scientific Horizons, 2024, 27(8), p 24–34
Investigation of the Antibiotic Resistance and Biofilm-Forming Ability of Staphylococcus species from Bovine Mastitis cases in the Almaty Region, Kazakhstan	Bessembayeva L., Kirkimbayev Z., Biyashev B. Oryntaev K., Bakieva,F.	International Journal of Veterinary Science, 2024, 13(6), p 853–861
Formation of adaptive immunity against salmonellosis in cows using effector memory cells	Biyashev B., Zhanabayev S., Kirkimbaeva Z., Zhylkaydar A., Kuzembekova G.	Scientific Horizons, 2024, 27(10), p 9–19
Study of the Formation and Maintenance of Immunological Memory Cells in Response to Immunization for Myxomatosis and Viral Hemorrhagic Disease in Rabbits	Biyashev B., Zhanabayev S., Valdovska A.	International Journal of Veterinary Science, 2024, 13(3), p 334–340
Memory T-cell dynamics following immunization with a polyvalent salmonellosis vaccine in farm animals	Zhanabayev, S.D., Biyashev, B.K.	Iraqi Journal of Veterinary Sciences, 2024, 38(3), p 653–661

Patent / Innovation Patent:		
Assigned number	**Assigned number**	**Assigned number**
№ 30641	Patent of the Committee for Intellectual Property Rights of the Ministry of Justice of the Republic of Kazakhstan “Method of obtaining polyvalent hyperimmune serum against mastitis in cattle”	Biyashev K.B., Biyashev B.K., Zhumanov K.T., Sarybaeva D.A., Zhylkaidar A.Zh. dated November 18, 2015

№ 32591	Salmonella abortus-37 bacterial strain used to produce a live vaccine against salmonellosis in sheep	Biyashev K.B., Makbuz A.Zh. dated June 29, 2016
№ 32022	A strain of Salmonella bacteria used to make a live vaccine against salmonellosis in cattle	Biyashev K.B., Makbuz A.Zh. dated October 23, 2015
№ 32681	Method for isolating genomic DNA from Salmonella enteritidis cells	Biyashev K.B., Makbuz A.Zh. from 08/24/2016
Патент на полезную модель, № 4284. от 24.04.2019.	A 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., Zholdasbekova A.E.
Патент на полезную модель, № 4145. от 08.04.2019.	Escherichia 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.

Foreign language skills	
Language	Proficiency level (low, high)
English	Upper-intermediate