

TEACHER'S QUESTIONNAIRE
DEPARTMENT OF ENERGY SAVING AND AUTOMATION

Personal information of the teacher		
	<i>Full Name (by identity card)</i>	<i>Batanova Zhanat</i>
	<i>Date of Birth</i>	<i>04.09.1977</i>
	<i>Sex (male / female)</i>	<i>female</i>
	<i>Nationality</i>	<i>Kazakh</i>
	<i>Citizenship</i>	<i>The Republic of Kazakhstan</i>
	<i>Mobile phone, E-mail</i>	<i>+7707947972, batanova_77@mail.ru zhanat.batanova@gmail.com zhanat.batanova@kaznaru.edu.kz</i>
Education		
Higher educational institution		
a) the name	Kazakh State Agrarian University	
b) country, city	The Republic of Kazakhstan, Almaty	
c) year of receipt and termination	1995 – 2000	
d) the qualification received on the termination of educational institution	the specialty "Veterinary Medicine".	
Academic degree and title (to date)		
Dissertation topic	Improving methods for diagnosing animal rabies	
Area of Science	Veterinary	
Cipher and name of the scientific specialty	16.00.03 - veterinary microbiology, virology, epizootology, mycology with mycotoxicology and immunology	
Year of protection	2010	
Academic degree	Candidate of candidate of veterinary sciences	
Dissertation language (language of writing and defense)	Kazakh language	
Place of work (today)		
Full name of the organization	Non-profit joint stock company "Kazakh National Agrarian Research University"	
Position held	Associate professor of the Department " Biological safety	
Scientific activity		
The head and/or the executor of research in RK (during the last 3 years)		
Name research	Years of realization	Organization performer
"Production of the industrial rabies culture vaccine "Rhabdovak "for animals according to GMP standards"	2017 -2020	Joint Stock Company "Science Fund"
"Conducting monitoring studies on the territory of the Republic of Kazakhstan. Assessment of the immune status, isolation of new strains of pathogens, genomes deciphered and genetic analysis	2021-2023	Ministry of Education and Science

carried out. Develop a vaccine against equine influenza"			
Development of new nanobodies for effective neutralization and use as a specific and sensitive reagent for rapid detection of rabies virus	2022-2024	Ministry of Science and Higher Education of the Republic of Kazakhstan	
Scientific and pedagogical activity 23 years			
Training of highly qualified personnel			
Degree	Quantity	Year of protection	Code of specialty
master	10	2014 - 2024	6M120200 -Veterinary medicine 6M070100- Biotechnology
Information on the number of publications for the last 3 years			
Type of publications		Quantity	
Achievements in research, teaching activities (awards)		10	
Publications in rating journals		6	
Publications in recommended journals of KKSON MES RK		85	
Publications in international publications and conferences		6	
Publications in Republican conferences and publications		-	
Scientific internships		-	
Patents		3	
Textbooks and teaching aids		10	
Electronic textbooks and teaching aids		6	
Monographs		85	
Recommendations		6	
Achievements in research, teaching activities (awards)			
Achievement		Years	
Medal "Honored Citizen of Kazakhstan", Astana		2021	
The main scientific publications (for the last 5 years)			
Title of the publication	Authors	Year of issue	Title of the publication, volume, number, page
a) Articles to the committee for control in the field of education and science of the RK			
Development of modes of inactivation of strain A/H3 of equine influenza virus	Batanova Zh.M., Akhmetsadykov N.N., Krykbaev E.A., Kanzhigit G.A.	2022	Scientific journal "Bulletin of Science "S. Seifullin Kazakh Agrotechnical University" No 3(114) (2022) pp 158-223. doi.org/10.51452/kazatu.2022.3(114).1170
Development of modes of regulation of the pH of the nutrient medium during the cultivation of the EHV-1 strain of horse rhinopneumonia	Akhmetsadykov N.N., Batanova Zh.M., Krykbaev E.A., Tursynbaev N.S.	2022	Scientific journal "Bulletin of science of the Kazakh Agrotechnical University named after. S. Seifullin,
Control of biological activity of equine infectious anemia virus during stationary and suspension cultivation	Khusainov D.M., Akhmetsadykov N.N., Batanova Zh.M., Ryshchanova R.M.	2022	Bulletin of Science of the Kazakh Agrotechnical University. S. Seifullin - 2022. - No. 2 (113). - Part 2. - S. 156-164

Serological monitoring of influenza a virus circulation in the horse population of South Kazakhstan	Nuralibekov S.Sh., Sabyrzhan T.B., Kasymbekov E.T., Akhmetsadykov N.N., Akhmetzhanova M.N., Batanova Zh.M., Khan E.Ya., Karamendin K.O., Kydyrmanov A.I.	2023	Scientific journal "Microbiology Zhane Virology" ISSN 2304-585X №1 (40) www.imv-journal.k doi: 10.53729/MV-AS.2023.01.13
b) conferences			
Improvement of the technology of obtaining diagnostic anti-rabies precipitating immunoglobulin	Batanova Zh.M., Akhmetsadykov N.N., Khusainov D.M. and et al	2020	VII International Scientific and Practical Conference "Science and Education in the Modern World: Challenges of the 21st Century" Nursultan pp 8-12
Prophylactic and therapeutic effect of the immunobiological preparation "IMMUNAN" in animal salmonellosis	Batanova Zh.M., Iskakova I.S.	2021	Scientific Collection "InterConf", (44): with the Proceedings of the 8th International Scientific and Practical Conference "Scientific Research in XXI Century" Ottawa, Canada: Methuen Publishing House, https://istina.ipmnet.ru/collections/361065669/
Optimization of deep culture technology of Streptococcus equi strains in a bioreactor	Amanbek A., Batanova Zh.M., Akhmetsadykov N.N., Krykbaev E., Khusainov D.M.	2021	Collection of int. scientific and practical conference of young scientists in the framework of the XI "International Winter School 2021" KazNAIU / 15-17.02 2021
Adaptation of vnk-21 (c-13) cell culture by suspension method to bioreactor for production of antirabies vaccine against animal rabies	Abdualieva A.A., Batanova Zh.M., Aliev A.K., Utebaeva G.N., Belgibaeva A.B.	2022	International Scientific Journal "Global Science And Innovations 2022: Central Asia" Astana, Kazakhstan, December, 18-21 bet.
d) Journal cited in the Scopus, TR database			
Comparison of Probiotic Lactobacillus acidophilus and Oxytetracycline for the Treatment of Early Stage Interdigital Necrobacillosis in Dairy Cows	Tulemissova, Z.K., Torehanov, M.A., Myktybayeva R.Z., Ibazhanova A. S., Khussainov D. M., Batanova Z.M., Usmangaliyeva, S.S.	2020	Scienceline Publication World's Veterinary Journal World Vet J, 10(3): 375-379, September 25, ISSN 2322-4568. DOI: https://dx.doi.org/10.36380/scil.2020.wvj46
Genome sequence of equine influenza virus isolated from horses in southeast Kazakhstan in 2020	Khan Y., Kassymbekov Y., Suleimenova S., Karamendin K., Sabyrzhan T., Nuralibekov S., Daulbayeva K., Abishov A., Akhmetzhanova M., Akhmetsadykov N., Batanova Zh., Kydyrmanov A.	2023	Журнал ASM Journals Microbiology Resource Announcements DOI: https://doi.org/10.1128/MRA.00433-23 Журнал ASM Journals Microbiology Resource Announcements DOI: https://doi.org/10.1128/MRA.00433-23
Evaluation of a novel real-time polymerase	Sandybayev N., Strochkov V.,		Журнал Veterinary World DOI10.14202/vetworld.2023.1682-1689

chain reaction assay for identifying H3 equine influenza virus in Kazakhstan	Belousov V., Batanova, Z., Kassenov, M.		
c) textbooks, teaching aids, monographs			
Standardization and certification of veterinary drugs	Akhmetsadykov N.N., Khusainov D.M., Batanova Zh.M.	2021	Textbook. -Almaty, KazNAIU 480 p.
Management in veterinary medicine	Akhmetsadykov N.N., Khusainov D.M., Batanova Zh.M.	2021	Textbook. -Almaty, KazNAIU. 298 p.
Patent/Innovative patent:			
№7366	A method for obtaining a vaccine against equine influenza.	Batanova Zh.M., Akhmetsadykov N.N., Khusainov D.M., Kanzhigit G.A.	Patent No. 7366, for a utility model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Nur-Sultan city 2022
№ 7365	Method for obtaining a vaccine against equine rhinopneumonia.	Akhmetsadykov N.N., Sansyzbay A.R., Krybaev E.A., Khusainov D.M., Batanova Zh.M., Imanbekova T.A.,	Patent No. 7365, for useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Nur-Sultan city 2022
№ 7335	Method for obtaining trypanosomal antigen	Espanov Zh.U., Akhmetsadykov N.N., Akhmetzhanova M.N., Khusainov D.M., Batanova Zh.M.	Patent No. 7335, for useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Nur-Sultan city 2022
№ 7336	A method for obtaining an antigen for diagnosing infectious anemia in horses.	Akhmetsadykov N.N., Khusainov D.M., Batanova Zh.M.	Patent No. 7336, for useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Nur-Sultan city 2022
№ 7428	A method for obtaining a vaccine against washing horses for intranasal use.	Sansyzbay A.R., Saparov A.A., Akhmetsadykov N.N., Khusainov D.M., Batanova Zh.M.	Patent No. 7428, for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Nur-Sultan city 2022
№ 8309	"Method for the production of a single brucellosis antigen for the agglutination reaction, the reaction of binding (long-term binding) of the complement"	Akhmetsadykov N.N., Abutalip Aspen, Shanbaev B.U., Khusainov D.M., Saparov A.A., Batanova Zh.M.	Patent No. 8309, for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana 2023
№ 8310	"Method for the preparation of brucellosis antigen for the ring reaction with milk"	Akhmetsadykov N.N., Batanova Zh.M., Shanbaev B.U., Khusainov D.M., Saparov A.A., et al.	Patent No. 8310, for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana 2023

№ 8314»	“Method for obtaining diagnostic anti-rabies fluorescent immunoglobulin	Akhmetsadykov N.N., Batanova Zh.M., Shanbaev B.U., Khusainov D.M., Saparov A.A., et al.	Patent No. 8314, for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana2023
№ 8761	"Method for determining the activity of antirabies serum obtained from a horse"	Akhmetsadykov N.N., Batanova Zh.M., Shanbaev B.U., Khusainov D.M., Saparov A.A., et al.	Patent No. 8761 for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana 2024
№ 8792	"Method of serological diagnostics of canine toxocariasis"	Akhmetsadykov N.N., Batanova Zh.M., Shanbaev B.U., Khusainov D.M., Saparov A.A., et al.	Patent No. 8792, for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana2024
№ 8698	“Method for serological diagnosis of canine parvovirus enteritis”	Akhmetsadykov N.N., Batanova Zh.M., Shanbaev B.U., Khusainov D.M., Saparov A.A., et al.	Patent No. 8698, for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana 2024
№ 8697	“Method for diagnosing viral immunodeficiency in cats”	Espanov Zh.U., Akhmetsadykov N.N., Akhmetzhanova M.N., Khusainov D.M., Batanova Zh.M.	Patent No. 8697, for a useful model. RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana 2024
Knowledge of foreign languages			
Language		Level (Low, Medium, high)	
English language		Medium	