

**RSE "RESEARCH INSTITUTE FOR BIOLOGICAL SAFETY PROBLEMS"
OF THE MINISTRY OF HEALTH OF THE REPUBLIC OF KAZAKHSTAN
(RIBSP MH RK)**

LIST

of scientific works (after defending the dissertation) of the head of the laboratory "Collection of microorganisms", PhD

ZHUGUNISOV KUANDYK DAULETBAYEVICH

publications in international peer-reviewed journals

Authors identifiers

Scopus Author ID: 56784395500

Web of Science ResearcherID: N-9990-2019

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Item No.	Publication Title	Type of publication (article, review, etc.)	Journal name, year of publication (according to databases), DOI	Journal Impact Factor, Quartile, and Field of Science* according to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection	CiteScore (SiteScore) of the journal, percentile and field of science* according to Scopus data for the year of publication	Names of the authors (underline the applicant's full name)	Role of the applicant (co-author, first author, or author for correspondence)
1	2	3	4	5	6	7	8	9
1	Goatpox virus (G20-LKV) vaccine strain elicits a protective response in cattle against lumpy skin disease at challenge with lumpy skin disease virulent field strain in a comparative study	Article	Veterinary Microbiology 245 (2020) 108695 1-8 https://doi.org/10.1016/j.vetmic.2020.108695	3.0	Q1	98%	Zhugunissov K., Bulatov Ye., Orynbayev M., Kutumbetov L., Abduraimov Ye. ShayakhmetovYe Taranov D., Amanova Zh, Mambetaliyev M., Khairullin B., Zakarya K., Tuppurainen E.	First & Correspondent Author

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1	2	3	4	5	6	7	8	9
2	The combined effects of temperature and relative humidity parameters on the reproduction of Stomoxys species in a laboratory setting	Article	PLoS One. 2020; 15(12): e0242794. doi:10.1371/journal.pone.0242794	3.240	Q1	92%	Issimov A., Taylor D.B. Zhugunisov K. Kutumbetov L, Zhanabayev A. Kazhgaliyev N., Akhmetaliyeva A Nurgaliyev B., Shalmenov M., Absatirov G., Dushayeva L., White P.J.	Coauthor
3	Duration of Protective Immunity in Sheep Vaccinated with a Combined Vaccine against Peste des Petits Ruminants and Sheep Pox	Article	Vaccines (2021), 9, 912. 1-18 https://doi.org/10.3390/vaccines9080912	4.086	Q2	62%	Amanova Zh., Zhugunisov K. , Barakbayev K., Kondybaeva Zh., Sametova Zh., Shayakhmetov Ye Kaissenov D., Dzhekebekov K., Zhunushov A., Abduraimov Ye, Zakarya K., Bulatov Ye.	Coauthor
4	Development and Evaluation of a Live Attenuated Egg-Based Camelpox Vaccine	Article	Front. Vet. Sci., 16 August 2021. 2–12. https://doi.org/10.3389/fvets.2021.721023	2.245	Q1	80%	Zhugunisov K. , Kilibayev S., Mambetaliyev M., Zakarya K., Kassenov M., Abduraimov, Ye. Bulatov Ye., Azanbekova M., Absatova Zh., Abeuov K., Nurgaziev R., Renukaradhya G.J. Tabynov K.	First & Correspondent Author

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1	2	3	4	5	6	7	8	9
5	Development of the Inactivated QazCovid-in Vaccine: Protective Efficacy of the Vaccine in Syrian Hamsters	Article	Front. Microbiol. (2021) 12:720437. doi: 10.3389/fmicb.2021.720437	6.064	Q1	82%	Zhugunissov K , Zakarya K, Khairullin B, Orynbayev M, Abduraimov Y, Kassenov M, Sultankulova K, Kerimbayev A, Nurabayev S, Myrzakhmetova B, Nakhanov A, Nurpeisova A, Chervyakova O, Assanzhanova N, Burashev Y, Mambetaliyev M, Azanbekova M, Kopeyev S, Kozhabergenov N, Issabek A, Tuyskanova M Kutumbetov L	First & Correspondent Author
6	Efficacy and safety of an inactivated whole-virion vaccine against COVID-19, QazCovid-in®, in healthy adults: A multicentre, randomised, single-blind, placebo-controlled phase 3 clinical trial with a 6-month follow-up.	Article	EClinicalMedicine. 2022 Jun 25;50:101526. doi: 10.1016/j.eclinm.2022.101526.	17.033	Q1	95%	Khairullin B, Zakarya K, Orynbayev M, Abduraimov Y, Kassenov M, Sarsenbayeva G, Sultankulova K, Chervyakova O, Myrzakhmetova B, Nakhanov A, Nurpeisova A, Zhugunissov K , Assanzhanova N, Nurabayev S, Kerimbayev A, Yershebulov Z, Burashev Y, Kulmagambetov I, Davlyatshin T, Sergeeva M, Buzitskaya Z, Stukova M, Kutumbetov L.	Coauthor

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1	2	3	4	5	6	7	8	9
7	Near-Complete Genome Sequence of a SARS-CoV-2 Variant B.1.1.7 Virus Strain Isolated in Kazakhstan	Article	Microbiol Resour Announc. 2022 Sep 15; 11(9):e0061922. doi: 10.1128/mra.00619-22.	0.83	Q3	39%	Zhugunissov K , Zakarya K, Khairullin B, Orynbayev M, Abduraimov Y, Kassenov M, Sultankulova K, Kerimbayev A, Nurabayev S, Myrzakhmetova B, Nakhanov A, Nurpeisova A, Chervyakova O, Assanzhanova N, Burashev Y, Mambetaliyev M, Azanbekova M, Kopeyev S, Kozhabergenov N, Issabek A, Tuyskanova M Kutumbetov L	Author
8	Improved efficiency of bluetongue viral antigen isolation for successful immunization	Article	International Journal of Veterinary Science 12(3): 318-323	0.27	Q3	58%	Kurmanbekova Z, Koshemetov Z, Seisenbaeva M, Abduraimov Y Zhugunissov K	Coauthor
9	Development of an Inactivated Camelpox Vaccine from Attenuated Camelpox Virus Strain: Safety and Protection in Camels.	Article	Animals (Basel). 2023 Apr 30; 13(9):1513. doi: 10.3390/ani13091513.	3.2	Q1	87%	Zhugunissov K , Mambetaliyev M, Sarsenkulova N, Tabys S, Kenzhebaeva M, Issimov A, Abduraimov Y.	First & Correspondent Author

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1	2	3	4	5	6	7	8	9
10	In Vitro Fertilization in Kazakh Whiteheaded Cattle: A Comparative Study.	Article	Life. 2023; 13(8):1632. https://doi.org/10.3390/life13081632	3.2	Q2	52%	Seisenov B, Duimbayev D, Kazhgaliyev N, Abdrakhmanov T Tegza A, Abeldinov R, Burambayeva N, Temirzhanova A, Tegza I, Kemeshev Z, Zhanabayev A. Akhmetbekov N. Aisin M. Zhugunisov K Issimov A	Coauthor

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Scientific articles published in publications recommended by the Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan

№ p/n	Name	Printed or as a manuscript	Publisher, Journal (Title, Number, Year) or Author's Certificate Number	Number of printed sheets or pages	Name Authors
1	2	3	4	5	6
11	Determination of the optimal concentration dimerethylenimine to inactivate the virus rabies strain "VRC-RZ2"	Printed, Online	Bulletin of Science of S.Seifullin Kazakh Agrotechnical University No3(102) 2019 223-231	9	Kondibaeva Zh.B., Zhugunisov K.D. , Dalbaev N.K., Yershebulov Z.D., Bulatov E.A.,
12	Study of immunogenicity of inactivated emulsified bivalent vaccine against bluetang in cattle vaccination	Printed, Online	Semey qalasynyń Shákárim atyndaǵy memlekettik universitetiniń habarshysy No 4(88)2019 265-272	8	Zhugunisov K.D. , Amanova Zh.T., Bulatov E.A., Abduraimov E.O.
13	Evaluation of safety and immunogenicity of inactivated animal rabies vaccine	Printed, Online	ISSN 2305-9397 Scientific and Practical Journal of ZKATU named after Zhangir Khan "Science and Education". 2020. No1–1 (58) P. 172-178	7	Zh.T. Amanova, Z.D. Yershebulov, K.D. Zhugunisov , E.A. Bulatov
14	Possibility of co-cultivation of peste des petits ruminants and sheeppox viruses and detection of the presence of interference between viral agents	Printed, Online	ISSN 1684-940X Biological Sciences of Kazakhstan No. 3, 2020. Pp. 103–110.	8	Zh.T. Amanova, K.D. Zhugunisov , E.A. Bulatov, K.B. Barakbaev, E.O. Abduraimov

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1	2	3	4	5	6
15	Timing of immunity formation in sheep, vaccinated with an associated vaccine against peste des petits ruminants and sheeppox	Printed, Online	ISSN 2789-1534 Biological Sciences of Kazakhstan No1, 2021. pp. 18-27	10	Zh.T. Amanova, K.D. Zhugunisov , K.B. Barakbaev, E.A. Bulatov, E.O. Abduraimov, K.D. Zakarya
16	SARS-COV-2 Virus: Isolation, Cultivation, Thermal Stability, Inactivation and Passencing	Printed, Online	Al-Farabi Kazakh National University ISSN 1563-0218; eISSN 2617-7498 Experimental Biology. No1 (90). 20, pp.73-89	16	Zhugunisov K.D. , Mambetaliev M., Azanbekova M.A., Kenzhebaeva M.K., Kilibaev S.S., Tuyskanova M.S., Dzhapasheva A.S., Omurtai A.D., Tabys Sh.T.
17	Obtaining of the positive serum to agent causing enzootic abortion of ewes	Printed, Online	Gylym jáne Bilim, Vol. 1 No 2 (67) 2022, No1(67) 89-96 p.	8	Herman V Matkerimova K.G. Abeuov Kh.B. Koshemetov Zh.K. Zhugunisov K.D
18	Development of optimal parameters of inactivation of camelpox virus	Printed, Online	ҒЫЛІМ ҚІЛІМ, Vol. 1 No 4 (69) 2022, 62-69 p.	8	Sarsenkulova N.A. Tuyskanova M. S. Tabys Sh. T. Hussen J Zhugunisov K.
19	Determination of immunizing doses of the cowpox Vaccine candidate: preliminary results	Printed, Online	Herald of Science of S.Seifullin Kazakh Agrotechnical Research University: Veterinary Sciences. – Astana. - 2023. – №2(002). – P. 63-70	8	Zhugunisov K. , Sarsenkulova N.A., Tabys Sh.T., Muzarap D.I., Kenzhebaeva M.K., Barakbaev K.B., Aidarbekova D.B., Alieva A.B., Kilibaev S.S., Mambetaliev M.

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1	2	3	4	5	6
20	Refreshing a virulent strain of bovine parainfluenza-3 virus in cell culture and testing pathogenic properties in target animals	Printed, Online	Microbiology and Virology, 2023, 3(42), 176–192. https://doi.org/10.53729/MV-AS.2023.03.11	17	Muzarap, D., Tabys, S., Sarsenkulova, N., Kenzhebayeva, M., Mambetaliev, M., Nakhanov, A., Zhuginisov, K. , Erganish, O

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Scientific articles published in journals included in the Russian Science Citation Index database

No p/n	Name	Printed or as a manuscript	Publisher, Journal (Title, Number, Year) or Author's Certificate Number	Number of printed sheets or pages	Name Authors
1	2	3	4	5	6
21	Immunogenicity of associated vaccine against peste des petits ruminants and sheeppox	Printed, Online	Bulletin of Universities of Kyrgyzstan 2019 No7 94-98	5	Amanova Zh.T., Taranov D.S., Zhugunisov K.D. , Kondibaeva Zh.B., Barakbaev K.B., Bulatov E.A.
22	Isolation of a new strain M-2020 of camel pox virus (Poxviridae: Orthopoxvirus: Camelpox virus) in the Republic of Kazakhstan and the study of its reproduction on various Biological Systems	Printed, Online	Problems of Virology. 2022; 67(1): 77-86. DOI: https://doi.org/10.36233/0507-4088-100 Q4	10	Zhugunisov K.D. , Mambetaliev M., Azanbekova M.A., Kenzhebaeva M.K., Kilibaev S.S., Tuyskanova M.S., Dzhapasheva A.S., Omurtai A.D., Tabys Sh.T.
23	Cultivation of Collection Strains of Orthopoxviruses in Cell Cultures	Printed Online	Izvestiya NAS KR, 2022, no. 3, 42-53 p.	12	Alieva A.B., Aidarbekova D.B. Kenzhebaeva M.K., Tabys Sh.T., Sarsenkulova N. Syldyrbaeva A.S Zhugunisov K.D. , Mambetaliev M., Barakbaev K.B., Abduraimov, E.O. Zakarya K.D.
24	Identification and pathogenicity of collection isolates of avian influenza virus isolated in Kazakhstan	Printed Online	Vestnik Osh State University, 2022, No3 62-74 p.	12	Tabys Sh.T. Zhugunisov K.D. Kozhabergenov N. Koshemetov Zh.K.

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1	2	3	4	5	6
25	Clinical Manifestation of Bovine Lumpy	Printed Online	Izvestiya NAS KR, 2023, No2, -p.28-39	12	Azanbekova M.A., Kutumbetov L.B., Zhunushov A.T.,

	Skin Disease in Different Animal Species in an Experiment				Orynbaev M.B., Sultankulova K., Mambetaliev M. Zhugunisov K.D.
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Scientific articles published in domestic journals

1	2	3	4	5	6
26	Selection of stabilizing components for the preservation of bovine lumpy skin disease virus in the laboratory	printed	Biosafety and Biotechnology №1, 2020. 16-21	6	Azanbekova M.A., Absatova Zh.S., Kenzhebaeva M.K., Mambetaliev M., Kutumbetov L.B., Zhugunisov K.D.
27	Evaluation of Harmlessness and Immunogenicity of an Experimental Vaccine against Sheeppox	printed	ISSN 2707-7241 Biosafety and Biotechnology RIBSP 2020. No. 1, pp. 25–29	5	Zh.T. Amanova, K.D. Zhugunisov , Zh.B. Kondibaeva, E.A. Shayakhmetov, E.A. Bulatov
28	Immunogenic properties of camel pox vaccine	printed	Biosafety and Biotechnology №2, 2020. 10-17	8	M. Mambetaliev, S.S. Kilibayev, Zh.S. Absatova, M.A. Azanbekova, M.K. Kenzhebayeva, K.D. Zhugunisov
29	Túye sheshegi virynyń vaccinalyq shtamyna qorǵanys ortasyn tańdaý jáne strain úlgeriniń ártúrli tiripiralyq-merzimdik rýmimderde saqtalýyn zertteý	printed	Biosafety and Biotechnology №3-4, 2020. 6-30	8	Dzhapasheva A.S. Absatova Zh.S., Kenzhebayeva M.K., Azanbekova M.A., Zhugunisov K.D. Omurtay A.D. Mambetaliev M., Kilibayev S.S.
30	Koronavirýstargá beim biologicalyq modeler: ǵylym ádebietterge sholu	printed	Biosafety and Biotechnology №5, 2021. 24-30	7	Tuyskanova M.S., Omurtai A.D. Zhugunisov K.D.

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1	2	3	4	5	6
31	Study of the Persistence of Infectious Activity and Pathogenicity of a Highly Pathogenic Strain of Avian Influenza Virus	printed	Biosafety and Biotechnology №3-4, 2020. 6-30	8	Absatova Zh.S. Mambetaliev M., Kydyrbaev Zh.K. Azanbekova M.A., Kenzhebayeva M.K., Omurtay A.D. Dzhapasheva A.S. Zhugunisov K.D.
32	Effective mode of inactivation of the SARS-COV-2 virus, ensuring the preservation of its antigenicity	printed	Biosafety and Biotechnology №7, 2021. 28-34	7	Kerimbayev A.A., Zhugunisov K.D. , Myrzakhmetova B. Nurabayev S.Sh., Bisenbaeva K.B., Anarbekova A.M., Kaukarbayeva M.Zh Chorov M.Zh., Mukhambetov M.T., Kutumbetov L.B.
33	Túye sheshegi: qysqasha gylym sholu	printed	Biosafety and Biotechnology №9, 2022. 6-18	13	Omurtai A.D., Tuyskanova M.S., Zhuginisov K.D.

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Author's certificates and patents

1	2	3	4	5	6
34	How to get an inactivated vaccine to prevent COVID-19	printed	Patent, No. 34761. 08.12.2020		Khairullin B.M. Zakarya K.D. Orynbaev .M.B. Kutumbetov L.B. Kassenov M.M. Sultankulova K.T. Zhugunisov K.D. Chervyakova O.V. Kerimbayev A.A.
35	Strain "SARS-CoV-2/KZ_Almaty/04.2020" of the COVID-19 coronavirus infection virus used for the preparation of remedies specific prophylaxis, laboratory diagnostics and assessment of the effectiveness of biological protection of vaccines against coronavirus COVID-19 infection	printed	Patent, No. 34762. 08.12.2020		Kutumbetov L.B. Orynbaev M.B. Zakarya K. Kerimbayev A.A. Zhugunisov K.D. Sultankulova K.T. Myrzakhmetova B.Sh. Nakhanov A.K. Kassenov M.M. Abduraimov E.O. Khairullin B.M. Kopeev S.K.
36	Method for Obtaining Associated Biomass of Peste des Petits Ruminants and Sheep Smallpox Viruses	printed	Utility model patent, No 6883 dated 22.06.2021		Amanova Zh.T., Barakbaev K.B. Zhugunisov K.D. Shayakhmetov E.A., Bulatov E.A. Abduraimov E.O., Zakarya K.D.
37	Method of Manufacturing Inactivated Camel Pox Vaccine	printed	Utility Model Patent, No 8203 dated 23.01.2023		Abduraimov E.O. Zhugunisov K. D. Mambetaliev M. Kenzhebayeva M.K., Tabys Sh.T. Sarsenkulova N.A.

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Monograph recommended by the Scientific Council of RIBSP

1	2	3	4	5	6
38	Biological characteristics of camel pox virus and prevention	Printing	Asyl Kitap LLP Publishing House, 143 Abay Ave., Almaty, office 101- 2021	216	Mambetaliev M., Bulatov E.A., Kilibayev S.S., Zhugunisov K.D.

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