

## PERSONAL INFORMATION

**Zhumasheva Karlygash Aidarovna**



📍 Republic of Kazakhstan, Karaganda city, ul. Universitetskaya, 28, KarU im. Academician E. A. Buketovo



✉️ zkkbg@mail.ru



| **Date of birth:** 12/02/1974

## PLACE OF WORK, POSITION

KarU named after academician E.A. Buketova, Senior Lecturer, Department of Zoology

## SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE )

Master of Natural Sciences, specialty 6M060700-Biology (2013)

## WORK EXPERIENCE Place and date

1996 - 1997

Biology teacher • Secondary school im. B. Momyshuly pos. Topar, Michurinsky district, Karaganda region

2000 - 2003

Junior Researcher • Biochemical Group of Research Center • Karaganda State Medical Academy

2006 - 2022

Senior Lecturer • Department of Zoology • Karaganda State University. Academician E.A. Buketov

## EDUCATION AND PROFESSIONAL TRAINING

### Education

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– - 1997-2001-Karaganda State University named after Academician E. A. Buketov, Faculty of Biology and Geography, specialty - "Biology", qualification-Bachelor of Biology (with honors)

– 2001-2003-Karaganda State University named after Academician E. A. Buketov, Faculty of Biology and Geography, specialty - "Biology", qualification-Master of Biological Sciences.

– 2017-2020-Karaganda State University named after Academician E. A. Buketov, Faculty of Biology and Geography, Doctoral program - "6D060700-Biology".

1992 - 1996

study at the Faculty of Biology of Karaganda State University. E.A Buketova, after graduation she was awarded the specialty: biologist, teacher of biology and chemistry

2003 - 2006

Postgraduate studies at Karaganda State University named after E.A Buketova, specialty 03.00.13-Physiology

**Professional trainings,  
Scientific trips**

2011 - 2013

study at the magistracy of the Karaganda State University named after. E.A. Buketova in the specialty 6M060700-Biology was awarded the academic degree of Master of Natural Sciences in the specialty 6M060700-Biology

2017 - 2020

doctoral studies at the Karaganda State University named after. E.A Buketova, specialty 6D060700-Biology. Topic of the doctoral dissertation for the degree of Doctor of Philosophy (PhD) "Study of amplification of nucleic acids of some viral agents"

**SKILLS DEVELOPMENT  
INFORMATION**

**PERSONNEL QUALITIES**

**Native language** Russian

Наименование языка	ПОНИМАНИЕ		ГОВОРЕНИЕ		ПИСЬМО
	Слушание	Чтение	Устная речь	Письменная речь	
Kazakh	B2	B2	B2	B2	B2
Наличие языкового сертификата. «Нет»					
English	A1	A1	A1	A1	A1
Наличие языкового сертификата: Да					
Deutsch	A1	A1	A1	A1	A1
Наличие языкового сертификата. «Нет»					

**Digital skills** Advanced user: Microsoft office (Word, Excel, Power Point finereader), Statistica 6.0. knowledge of operating systems: Windows и IOS, GRAPHIC EDITO

**Other skills (hobbies)** bodyflex, handling

**ADDITIONAL INFORMATION**

1 Zhumasheva K.A., Kultanov B.Zh., Tuganbekov T.U. Reproductive health of men. Living in the zone of the accident "Proton" // Bulletin of the KarSU Special issue.-2001. T. 21, No. 1, -S.212-213.

2 Zhumasheva K.A. The state of spermatogenesis of men living in ecologically unfavorable areas of central Kazakhstan. // Materials of the scientific-practical conference "Actual problems of human health and the formation of the environment" Karaganda, 2002, - P. 112-115.

3 Zhumasheva K.A., Kultanov B.Zh., Muravleva L.E., Kozachenko N.V. Biochemical profile in selected groups of the population of the Zhaloj district of the Atyrau region. // Materials of the scientific-practical conference "Actual problems of ecology" Karaganda, 2002, - P. 238-241.

4 Zhumasheva K.A., Dzhongozona D.M., Azhigaliev B.S., Bodeeva R.T., et al. The state of the

- biochemical profile of the organism under the negative impact of production factors. // Bulletin of the KarSU series "Biology, medicine. geography. -2009. T. 56, No. 4, -S.60-65.
5. Zhumasheva K.A. The state of morphological and functional indicators of spermograms in men living in the zone of influence of the Baikonur Cosmodrome. // Bulletin of the KarSU series "Biology, medicine. geography. -2010. T. 60, No. 4, -S.46-52.
6. Zhumasheva K.A., Kultanov B.Zh., Khanturin M.R. The state of the reproductive system in men living in the zone of influence of the Baikonur cosmodrome // Bulletin of ENU.-2010. T. 77, No. 4, - 268-274.
7. Zhumasheva K.A., Muravleva L.E., Tritsek V.S., Kalinich E.A. and others. Comparative characteristics of the spectrum of nucleic acids in persons living in the area of the fall and accidents of the rocket carrier "Proton" // Bulletin of ENU.-2010. T. 77, No. 4, -354-359.
8. Zhumasheva K.A., Zhuzbaeva G.O. Preparation of teachers for innovative activity in the conditions of modern education. // Proceedings of the XXXVI scientific-practical conference "Modern trends in the development of legal, economic and social sciences". Karaganda, 2011, - S. 228-231.
9. Zhumasheva K.A., Pogosyan G.P., Salkeeva L.K., Zhortarova A.A. Application of the Ames microbiological test to determine the mutagenic properties of thiazole and benzothiazole derivatives. // Bulletin of the KarSU series "Biology, medicine. geography. -2012. T. 68, No. 4, - S.14-19.
10. Zhumasheva K.A., Pogosyan G.P. "PROTON" zymyrans қўлаган aimaktarda turatyn nuclein қўshқyldaryнyң spektrlik үyininiң zhane lipidter asқyn totyruynyn salystyrmalaly sipattamasy. // Materials of the XXXVI scientific-practical conference of undergraduates and students. Karaganda, 2013, - S. 36-42.
11. Zhumasheva K.A., Salkeeva L.K., Pavel Vojtišek and other study of antipyrene properties of phosphorylated malonic ester derivatives. // Bulletin of the KarSU series "Chemistry". -2013. T. 70, No. 2, -S.10-14.
12. Zhumasheva K.A., Salkeeva L.K., Pogosyan G.P. et al. Determination of the mutagenic activity of aminothiazole and aminobezothiazole derivatives. // Proceedings of the VIII All-Russian Conference with the international participation of young scientists in chemistry "Mendeleev-2014". St. Petersburg, 2014, - S. 44-46.
13. Zhumasheva K.A., Meyramov G.G., Zhuzbaeva G.O. Glutathione Reduced Form Protects Beta Cells from Destruction Caused by Diabetogenic Ligands. // Diabetes. A Journal of the American Diabetes Association. July 2015 Volume 64, Number 7, - C. 735.
14. Zhumasheva K.A., Meyramov G.G., Aitkulov A.M. Extraction of fats from Diabetogenic diet result weakening Symptoms of Diabetes caused by xanthurenic acid. // Abstracts from ATTD 2015 8th International Conference on Advanced Technologies & Treatments for Diabetes. Paris, France - February 18-21, 2015, pp. 105-206.
15. Zhumasheva K.A., Tuganbekov A.B., Aitkulov A.M. Mountain-forest biocenoses of the State National Natural Park "Buiratau", as a place of growth of black alder and measures for its conservation. // Bulletin of the KarSU series "Biology, medicine. geography. -2014. T. 75, No. 3, - S.61-70.
16. Zhumasheva K.A., Meyramov G.G., Kohnert K.-D. On the protective effect of 2,3-dimercaptopropanol for destructive action of zinc binding chemicals on pancreatic B-cells. // Bulletin of the Karaganda University "Biology. medicine. Geography Series. – 2015. T. 78. 5#2, C. 30-34.
17. Zhumasheva K.A., Kartbaeva G.T. Biologist mamandaryn dayarlauda studenterdin zerteushiligin damytudagy zoology paninin orny. // Scientific and creative heritage of Academician E.A. Buketov. Materials of the international scientific-practical conference dedicated to the 90th anniversary of E.A. Buketov (March 27-28, 2015). -Karaganda: Iz-vo KarSU, 2015. - S. 179-182.
18. Zhumasheva K.A., Zhuzbaeva G.O., Shaibek A.Zh., Tyrzhanova S.S. Ways to improve the quality of education at the university through the innovative activities of the teacher. // Scientific and creative heritage of Academician E.A. Buketov. Materials of the international scientific-practical conference dedicated to the 90th anniversary of E.A. Buketov (March 27-28, 2015). - Karaganda: From KarSU, 2015. - S. 139-143.
19. Zhumasheva K.A., Zhuzbaeva G.O. "Genetics" educational and methodological complex for the specialty 5B060700-Biology // Publishing house of the KarSU named after E.A. Buketov, 2012. - 132 p.
20. Zhumasheva K.A., Zhuzbaeva G.O. "Genetics" educational and methodological complex for the specialty 5B011300-Biology. // Publishing house of KarSU named after E.A. Buketov, 2012. -

130 p.

21 Zhumasheva K.A., Meiramova A.G., Kovalenko O.L. Histological changes in the tissue of the liver and pancreas in diabetes caused by endogenous synthesis of xanthouric acid. // Zoology at the turn of the century. International scientific and practical conference (March 27-28, 2014). - Karaganda. 2014.- S. 250-256.

22 Zhumasheva K.A., Kakimbaeva A.A., Konert K.D., Kovalenko O.L. The state of the histostructure of liver tissue in experimental diabetes induced by diabetogenic tryptophan metabolites. // Zoology at the turn of the century. International scientific and practical conference (March 27-28, 2014). - Karaganda. 2014.- S. 222-225.

23. Zhumasheva K.A., Pogosyan G.P., Kartbaeva G.T. Determination of the level of micronuclei in rat erythrocytes during chronic priming with derivatives of taizol and benzothiazole. // Actual problems of ecology: Proceedings of the V international. scientific-pract. conf. (October 17-18, 2013). - Karaganda: Publishing House of the KarSU, 2013. - S. 147-152.

24. Zhumasheva K.A., Pogosyan G.P. Konovalova A.A. Determination of the mutagenic activity of thiazole and benzothiazole derivatives. // Bulletin of the KarSU series "Biology, medicine. geography. -2013. T. 71, No. 3, -S.51-55.

25. Zhumasheva K.A., Salkeeva L.K., Pogosyan G.P., Zhortarova A.A. and other Determination of the mutagenic activity of derivatives of aminothiazole and aminobenzothiazole. // "Mendeleev 2016". VII All-Russian Conference with international participation of young scientists in chemistry (April 27-28, 2016). - St. Petersburg. 2016.- S. 44-46.

26. Zhumasheva K.A., Pogossyan G.P., Zhumashev B.K., Danilenko M Genetic condition of human papillomavirus high carcinogenic risk. // Bulletin of the Karaganda University "Biology. medicine. Geography» Series.-2020. T. 97, No. 1, -S.29-41.

27. Zhumasheva K.A., Zhumashev B.K., Beisenova R.R., Khanturin M.R. Observing of air quality in cities of Central Kazakhstan. // Bulletin of the Karaganda University "Biology. medicine. Geography» Series.-2020. T. 97, No. 1, -S.22-29.

**Participation in the implementation of scientific projects**

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**Membership in professional scientific organizations  
Awards and titles**

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**Courses**

1. Biochemistry
2. Molecular biology
3. Cytogenetics
4. Evolutionary teaching
5. Immunology
- 6 Cell biology

**Professional and scientific interests**

Topic of the doctoral dissertation for the degree of Doctor of Philosophy (PhD) "Study of amplification of nucleic acids of some viral agents"

**SCIENTIFIC DATABASES IDENTIFIERS**

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