

PERSONAL INFORMATION

MUKASHEVA MANARA ALDESHEVNA



📍 Republic of Kazakhstan, city of Karaganda , st. University 28, Building 3, E. A. Buketov University of Karaganda



| Date of birth: 12/04/1960

PLACE OF WORK, POSITION

E. A. Buketov University of Karaganda, Associate Professor of the Department of Physiology

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Doctor of Biological Sciences

WORK EXPERIENCE

Place and date

- **1984-1991** – SPTU-26 (teacher of physics).
- **1991-2001** - Junior researcher at the Laboratory of Environmental Biochemistry and Biophysics of the National Center for Occupational Health and Occupational Diseases of the Ministry of Health of the Republic of Kazakhstan.
- **2001-2004** - a researcher at the Laboratory of Environmental Biochemistry and Biophysics of the NCOH and OD of the Ministry of Health of the Republic of Kazakhstan.
- **2004-2007** - Senior researcher at the Laboratory of Environmental Medicine of the NCOH and OD of the Ministry of Health of the Republic of Kazakhstan.
- **2008-2021** - Professor of the Department of Physiology
- **2021 to the present** Associate Professor of the Department of Physiology

EDUCATION AND PROFESSIONAL TRAINING

Education

- **1997-1984** - references Karaganda State University, majoring in physics
- **2002-2005** - Kazakhstan Pharmaceutical Institute, specialty-pharmacist
- **In 1996** - she was awarded the degree of Candidate of Biological Sciences: «Hygienic characteristics of the environmental load on the body by microelement analysis (in full-scale and experimental studies)».
- **In 2007** - she was awarded the degree of Doctor of Biological Sciences: «Hygienic bases of medical and biological monitoring for ensuring the safety of the population under the influence of a large industrial complex».

Professional trainings, Scientific trips

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SKILLS DEVELOPMENT INFORMATION

- Certificate confirming participation in the seminar «**Technology commercialization**» (November 7-8, 2012);
- Certificate confirming the advanced training course in the program: «**Teaching methods in distance learning technology**» (March 30, 2012);
- Certificate confirming participation in the master class «**International requirements of evidence-based medicine in the planning and implementation of**

scientific research related to the establishment of environmental-dependent diseases» (December 9-13, 2014);

- Certificate confirming participation in the seminars «**Entrepreneurial education**» (April 14-29, 2015);
- Certificate confirming participation in the seminar «**Molecular genetic basis of carcinogenesis**» (September 28-30, 2015);
- Certificate of completion of the course «**Modern aspects of biological research (botany, zoology, physiology and biotechnology)**» (KarSU named after E. A. Buketov; from February 27 to March 04, 2017, Karaganda, Kazakhstan)

PERSONNEL QUALITIES

Native language Russian

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
Kazakh	A2	A2	A2	A2	A2
LANGUAGE CERTIFICATE: no					

Digital skills Advanced user: Microsoft Office (Word, Excel, Power Point). Knowledge of operating systems: Windows.

Other skills (hobbies) Reading, traveling, board games

ADDITIONAL INFORMATION

1. Мукашева М.А., Нурлыбаева К.А., Мукашева Г.Ж., Тыкежанова Г.М. Анализ эпидемиологической ситуации по биогельминтозам в карагандинской области. - Международный журнал прикладных и фундаментальных исследований. – Москва. – 2016. - №9 (часть 2). - С.257-260.
2. Голиков Р. А., Кислицына В.В., Суржиков Д. В., Мукашева М.А. Оценка влияния загрязнения атмосферного воздуха выбросами предприятия теплоэнергетики на здоровье населения Новокузнецка. - Медицина труда и промышленная экология. – 2019. -№6. – С.67 - 69.
- 3.Zhanbol Sabirov, Zulkiya Namazbaeva, Sharbanu Battakova, Mnanara Mukasheva Chemical Mutagenesis and Cytogenetic Chromosomal Abnormalities in a Population Living in the Aral Sea region. - Open Access Maced J Med Sci. – 2020. Oct 07; 8(E):544-550
- 4.Олексюк З.,Тыкежанова Г.М.,Конкабаева А.А., Нугуманова Ш.М., Мукашева М.А. Autonomic Dysfunction in Preschool Children with Neurotic Disorder. -Journal of Intellectual Disability - Diagnosis and Treatment. - September 2020. - 8 (2):142-147
5. Сабиров Ж.Б., Намазбаева З.И., Мукашева М.А.Оценка показателей периферической крови у населения, проживающего вблизи Семипалатинского полигона. -Медицина труда и промышленная экология. – 2019г.– 59 (9). – С.738-739.

Main publications

The number of published scientific and educational works-more than 180, including

- Patent of the Republic of Kazakhstan №19608.2003\11. 94. - Method for determining the environmental load;
- Patent of the Republic of Kazakhstan № 37747.2002\15.04. - Method for diagnosing diseases caused by the influence of technogenic factors of chemical nature;
- Eurasian Patent № 030520\31.08.18. – Method of treatment of mastopathy ;
- 16 guidelines:
- in journals based on Scopus – 9;
- in journals based on Clarivate Analytics – 10;
- in publications recommended by Committee for Control in the Sphere of Education and Science – 20;
- in publications published in the RSCI database, including journals from the HAC list – 70;
- monographs (co-authorship) – 10;
- 8 copyright certificates issued by the Intellectual Property Committee of the Ministry of Justice of the Republic of Kazakhstan.

The Scopus H-index – 1.

The Clarivate Analytics H-index – 2.

The RSCI H-index – 7.

The Google Scholar H-index – 6.

Participation in the implementation of scientific projects

1. «Development of technology for monitoring metals and petroleum products in environmental objects and sanitary and security measures» (customer-Ministry of Health of the Republic of Kazakhstan; GR No. 0102RK00244; 2000-2002; position-junior researcher);
2. «Biochemical monitoring of the detection of early forms of chronic intoxication with subsequent prognosis of the risk of occupational pathology» (customer-Ministry of Health of the Republic of Kazakhstan; GR No. 0103RK00362; 2003-2005; position-researcher);
3. «Study of the role of nitrogen and the primary cell link on the damaging effect of polymetallic dust» (customer-Ministry of Health of the Republic of Kazakhstan; GR No. 0103RK00354; 2005-2007; position-senior researcher);
4. International program «Medical research in areas exposed to mercury pollution» jointly with the Austrian company «Posch & Partners» and the Danish company "COWI", under the project «Rehabilitation and environmental management of the Nura-Ishim river basins», CCA of the Ministry of Health of the Republic of Kazakhstan No. 328 PIR dated 21.08.03.
5. «Development of methodological principles for assessing the risk of the effects of biological environmental factors on public health» (customer-Ministry of Health of the Republic of Kazakhstan; GR No. 0106 RK 00245; 2004-2006; position-SNA);

Membership in professional scientific organizations

- Corresponding member of the Russian Academy of Natural Sciences;
- Corresponding Member of the European Academy of Natural Sciences;
- Member of the Editorial Board of the journal: «Start in Science» (Moscow);
- Member of the Editorial Board of the journal: «Bulletin of ChelSU», series-Biology (Chelyabinsk)

Awards and titles

«Honored Worker of Science and Education» (Moscow);
Diploma: «Golden Fund of Russian Science» (Moscow);
Laureate of the All-Russian Exhibition (Moscow);
Diploma «Golden Chair of Russia» (Moscow);
Diploma "European quality" (Moscow);
Diploma of the Publishing House "Academy of Natural Sciences "of the EXPOCENTRE
Fairgrounds of the International Salon of Education (Moscow);
Awarded the N. I. Vavilov Medal (Moscow, RAE);
Awarded with the certificate of the Committee for Control in the Sphere of Education and Science (2019).

Courses

1. Commercialization of scientific and technological activities
2. Biotechnological methods of environmental protection
3. Innovation in ecology
4. Large workshop on physiology
5. Human ecology

Professional and scientific interests

- Sanitary and hygienic, medical and biological monitoring;
- Mechanisms of the formation of resistance of the body under real environmental stress (dust and chemical);
- Development of methodological approaches and biological criteria for environmental monitoring based on the study of chronic exposure to dust and chemical environmental factors.
- Determination of metals in biological media (hair, urine, blood), in environmental objects and under experimental conditions

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: V-1467-2018
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RSCI: -
Author ID Scopus: 7801549946