

## PERSONAL INFORMATION

## TYKEZHANOVA GULMIRA MENGALIEVNA



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

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| **Date of birth:** 04/05/1967

### PLACE OF WORK, POSITION

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

### SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

candidate of Biological Sciences

### WORK EXPERIENCE

#### Place and date

- 1991-Lecturer of the Department of Physiology
- 1995-Senior lecturer of the Department of Physiology
- 2007-Associate Professor of the Department of Physiology
- 2008-2022 Head of the Department of Physiology
- From 2021 to the present- Professor of the Department of Physiology

### EDUCATION AND PROFESSIONAL TRAINING

#### Education

- 1984-1989 - Karaganda State University
- In 2007, he was awarded the degree of Candidate of Biological Sciences: «Anthropofunctional shifts in schoolchildren in conditions of polluted atmospheric air».

### Professional trainings, Scientific trips

- International scientific internship «International cooperation and scientific exchange» (France)

### SKILLS DEVELOPMENT INFORMATION

- Certificate of completion of the course «**Current issues of normal physiology**» (KSMU; date of completion and issue of the certificate-July 13, 2015, Karaganda, Kazakhstan)
- Certificate of completion of the seminar «**Molecular genetic basis of carcinogenesis**» (KarSU named after E. A. Buketov date of completion and issue of the certificate - September 30, 2015, Karaganda, Kazakhstan)
- 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)
- Certificate of completion of the seminar «**Trilingual education**» (KarSU named after E. A. Buketov; date of completion and issue of the certificate - December 5, 2017., Karaganda,

Kazakhstan)

- Certificate of completion of the seminar «Electronic library: computer technologies in education» (September 07, 2017, Epigraph Publishing House, Almaty, Kazakhstan)
- Certificate of completion of the seminar «**Development of inclusion, equality and access to higher education**» (Higher School of Education of Nazarbayev University; date of completion and issue of the certificate - October 17, 2019, Karaganda, Kazakhstan)
- Certificate of completion of the **course «Preparation of a university teacher for training with the use of distance educational technologies»** (KarSU named after E. A. Buketov; date of completion and issue of the certificate- October 26, 2019, Karaganda, Kazakhstan)
- Certificate of completion of the online course «Manager of the Anti-Corruption Management System» (ISO Implementation Agency, 2020)

## PERSONNEL QUALITIES

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**Native language** Russian, Kazakh

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
<b>Kazakh</b>	A1	A1	A1	A1	A1
<b>LANGUAGE CERTIFICATE: NO</b>					

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

**Other skills (hobbies)** reading, traveling

## ADDITIONAL INFORMATION

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1. Мейрамов Г.Г., Тыкежанова Г.М. и др. Состояние гистоструктуры панкреатических островков при экспериментальном диабете, вызванном ксантуреновой кислотой и в условиях подавления ее эндогенного синтеза. Бюллетень экспериментальной биологии и медицины.- М., 2015.- №5.- С.643-648.
2. Meyramov G.G., Tykezhanova G.M. Extraction of fats from diabetogenic diet result weakening symptoms of diabetes caused by xanthurenic acid. Diabetes Technology & Therapeutics.- Brussel, 2015. Vol. 17.- P. A-105-A106.
3. G.Meyramov, K.D.Kohnert., Tykezhanova G.M. Glutathione's Reduced From Protects Beta Cells from Destruction Caused by Diabetogenic Ligands. Diabetes a journal of the American diabetes association. – Boston, 2015. Vol. 64.- P. 2924-PO.
4. G.Meyramov, K.D.Kohnert., Tykezhanova G.M. Histological changes in pancreatic islets of animals with experimental diabetes caused by xanthurenic acid under condition of suppression of its endogenous synthesis. Bulletin of experimental biology and medicine. - Springer, 2015. Vol. 159, № 5.- P. 680-684.
5. G.Meyramov, K.D.Kohnert., Tykezhanova G.M. State of histostucture and insulin content in B-cells of human embryo pancreatic islets. Transplant international.- Abstracts of the 17th Congress of the European Society for Organ Transplantation.- Brussels.- Belgium, 2015.- Volume 28.- P. 782.
6. Konkabayeva A., Ishmuratova M., Aitkulov A., Tykezhanova G., Nugumanova S., Turlybekova G., Shorin S. Studying of plants populations in the conditions of industrial pollution in the neighborhood of the cities of the Karaganda region. Vegetos. 2017.- Volume 30. - №4.-P. 122-125.
7. Konkabaeva A., Ishmuratova M., Pudov A., Bodeeva R., Aitkulov A., Tykezhanova G., Tyrzhanova S. Assessment of neutotoxicity of cultivated plants grown in the neighborhood of industrial regions of Central Kazakhstan. Research Journal of Pharmacy and Technology. – 2017. – Volume 10. - № 2. - P. 562-566.
8. Zhumina A. G., Pogossyan G. P., Konkabaeva A.E. , Tykezhanjva G. M. et al. Nrf2 Expression in CML and AML Patients' Peripheral Blood Mononuclear Cells Treated by Vitamin D, Carnosic Acid and Curcumin". Journal of Pure and Applied Microbiology, 2018. - №12 (2), с. 467 – 472. Scopus. (Zhumina A. G., Pogossyan G. P., Li K. G., et al.).
9. Tykezhanova G.M., Yelshina B.B, Estemesova K.A. Prospect, opportunities and challenges of the transition to 12-year education system in Kazakhstan. Вестник Карагандинского университета. - Серия Биология, Медицина, География. - 2016. - №1. - С.30-33.
10. Turgambekov G.M., Zemke B., Zeinidenov A.K.. The impact of the process of producing chrysotile-asbestos on environment. Вестник Карагандинского университета. - Серия Биология, Медицина, География. - 2016. - №1. - С.33-39.
11. Turgambekov G.M., Ryspaeva G.K. Assesment of the regulatory systems of the body of children in the early childhood. Вестник Карагандинского университета. - Серия Биология, Медицина, География. - 2016. - №1. - С.54-58.
10. Konkabaeva A.E. , Tykezhanjva G. M. Influence of oil pollution on the elements of biogeocoenose. Вестник Евразийского национального университета им. Л.Гумилева. II часть.– 2016.-№2.-С.8-17.
11. Akhmetova M.Zh., Tykezhanova G. M. and at. Serotonin: biological properties and its receptors. Вестник Карагандинского университета. - Серия Биология, Медицина, География. -2019. - №2(94). - С.71-79.
12. Autonomic Dysfunction in Preschool Children with Neurotic Disorders.- Journal of Intellectual Disability - Diagnosis and Treatment, 2020. - Vol. 8. Issue 2. – P.142-147.

#### Main publications

#### Participation in the implementation of scientific projects

#### Membership in professional scientific organizations

#### Awards and titles

1. Research project No. 219-B-19 "Study and evaluation of the medicinal properties of the Beta vulgaris plant of the amaranth family in an experiment" (2019-2020.)

- «The best university teacher of 2015»
- Diploma of the Ministry of Education and Science of the Republic of Kazakhstan, 2016

### Courses

1. Bioethics and biological safety
2. Communal ecology of the city
3. Social ecology and sustainable development
4. Anatomy, physiology and hygiene of schoolchildren
5. Environmental physiology

### Professional and scientific interests

Environmental physiology, age-related physiology

### SCIENTIFIC DATABASES IDENTIFIERS

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**RSCI:** -

**Author ID Scopus:** 57193233129