Zhanat Mukatayeva
professor

Contact information:
e-mail: mukataevazh@mail.ru
phone: 8- (7172) -709-500
inner: 33-236

Professional experience:
2017 – till present – professor of the Department of General Biology and Genomics
2011–2017 – vice-rector on educational and methodical work of the Pavlodar State Pedagogical Institute (PSPI)
2010 –2011 – vice-rector on scientific work of the PSPI
2002–2010 – Head of the Department of Anatomy and Physiology, PSPI
1998–2001 – Dean of the Faculty of Natural Sciences, PSPI
1981–1997 – lecturer, dotsent PSPI

Awards:
K.Satpayev Grant for contribution to the development of science of Pavlodar region (2010)
Breastplate "For merits in development of science of the Republic of Kazakhstan" (2011)
Certificate of Honor of the Ministry of Education and Science of the Republic of Kazakhstan (2011)
Breastplate "Honorary Worker of Education of the Republic of Kazakhstan" (2017)

Scientific degree, scientific school:
Doctor of biological sciences (physiology – 03.00.13) Institute of Human and Animal Physiology, Almaty, 2009
Candidate of biological sciences (biochemistry – 03.00.04) Al-Farabi Kazakh State University, Almaty, 1992

Scientific interests:
Human physiology, age physiology

Grants:
2018–2020 «Multi-center study of the health of participants in the educational process using innovative technologies».

Delivered courses:
Human and Animal Physiology (B), Sensory system Physiology (M), Academic Writing (D).

Monographies:

Mukatayeva Zh.M. Morphofunctional and psychophysiological features of development of children and adolescents. PSPI. 2010. 223 pp.

Bekseitov T.K., Abeldinov G.M., Goncharenko G.M., Mukatayeva Zh.M. Expression of genes of protein and lipid metabolism of dairy cattle in the Northeast of Kazakhstan. Pavlodar. 2017. 140 pp.

Publications (selected):

Comparative characteristics of developing morphofunctional features of schoolchildren from different climatic and geographical regions //*Journal of Pediatric Endocrinology and Metabolism*. – **2023**. – Т. 36. – №. 2. – С. 158-166. (**Q3** Web of Science **IF 0.14)**

The main trends in morpho-functional development of Kazakh schoolchildren // *Science for Education Today*, том 10, №3. С. 211-230. – **2020**

Comparative analysis of morphological and functional development of students in the northern and southern regions of Kazakhstan as a basis for monitoring their health in the dynamics of learning // *Science for Education Today*, том 9, №5. pp. 126-141. – **2019** (In Russian)

Morphofunctional development of 13-15-year old girls of different somatotypes // *Bulletin of L.N. Gumilyov Eurasian National University. Bioscience series*, № 1(126). pp. 8-13. – **2019**

Increase in morphofunctional indicators for girls aged 7-17 living in the northern and southern regions of Kazakhstan // *Bulletin of the Karaganda University. « Biology, Medicine, Geography Series»*, №3, pp.105-110. – 2019

The primary school kids' morphological status of Pavlodar city // *Bulletin of L.N. Gumilyov Eurasian National University. Bioscience series*. № 2 (123). pp. 84-88. – **2018**

Hematological and biochemical blood count of Simmental cattle of Kazakhstan breeding different genotype for candidate genes for protein metabolism// *Anais da Academia Brasileira de Ciencias* 2017; 89(1): 505-514. – 2017

Role of biological disciplines in formation of professional competence of future teacher of biology// *Life Science Journal*, 11. – 2014

Textbooks (selected):

Mukatayeva Zh.M., Dinmukhamedova A.S. Research and assessment of the health of schoolchildren. – Nur-Sultan. Educational manual. 2020. 122 p. [in Kazakh]

Reznik L.V., Mukatayeva Zh.M., Dairbayeva S.Zh. Age physiology and school hygiene. PSPI. Pavlodar. 2008. 63 pp.