PERSONAL INFORMATION **ZHUMINA ASEL GALYMOVNA**

Republic of Kazakhstan, Karaganda city, University Street, 28,
Karaganda Buketov University

asbiol@list.ru

| Date of birth:11/08/1983….

PLACE OF WORK, POSITION

Karaganda Buketov University, Associate Professor of the Botany Department

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Doctor of Philosophy in Biology

WORK EXPERIENCE

Place and date

2004-2005. Junior researcher, scientific research Institute of grain economy named after A. I. Barayev (Nauchnyi)
2005-2006. lecturer of the Department of Zoology of the KarSU named after E. A. Buketov (part-time)
2007-2009 the lab assistant of E. A. Buketov KarU botany department
2009-2011 lecturer of E. A. Buketov KarU botany department,
2011-2018 senior lecturer of E. A. Buketov KarU botany department,
2020 – 2022 Deputy Dean for Science of the Faculty of Biology and Geography
2020-to this day associate Professor of E. A. Buketov KarU botany department

EDUCATION AND PROFESSIONAL TRAINING

Education

2000-2004 - M. Kozybayev NKSU, 0108-Biology
2005-2007 - E. A. Buketov KarSU, Master's degree in Biology, scientific and pedagogical
2014-2017-E. A. Buketov KarSU, PhD, 6D060700-Biology

Professional trainings, Scientific trips

In 2013 summer school "Biotechnology for Students "(National Center for Biotechnology, Astana)
In 2013 teaching internship at the University of Newcastle (UK) under the program "Enhancing teaching and learning in Higher Education»
In 2016 scientific internship at Ben Gurion University (Israel, Beersheba) " Gene expression Analysis in Human Leukemia Cells»
In 2022 scientific internship at the NJSC "Republican Collection of Microorganisms" under the program "Methods of microbiology and biotesting" (RK, Astana)
In 2022 scientific internship under the Bolashak program “Molecular biology, biochemistry” on the topic “Synergistic antileukemic activity of differentiation inducers in combination with phenolic and non-phenolic sensitizing agents” (Israel, Beer Sheva)

SKILLS DEVELOPMENT INFORMATION

1) Coursera online course "English for Media Literacy" (University of Pennsylvania, USA, online, 2020, Verify at coursera.org/verify/9N5QP3W3NU8Q
2) Online course Coursera " English for Science, Technology, Engineering and Mathematics” (University of Pennsylvania, USA, online, 2020, certificate # 388, verify/XQEVBCUJEMU7)
3) Online course "Genetics" (Novosibirsk State University, Russia, 2020, certificate no. 7c4dfb8f728a4989a3a1fd637767e194)
4) Course on the topic "Preparation of a university teacher for training with the use of distance educational technologies" (KarSU, 2019, certificate No. 358019)
5) International Seminar "Biology and Evolution of Dinosaurs", (2019, Karaganda, Bolashak University, certificate No. 04254492)
6) Master class "Big data in healthcare" (Karaganda Medical University, Karaganda, 2019)

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PERSONNEL QUALITIES

Native language **Kazakh**

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
Russian	C1	C1	C1	C1	C1
	NO CERTIFICATE				
English	B2	B2	B2	B2	B2
	CERTIFICATE AVAILABLE				
Italian	A2	A2	A2	A2	A2
	NO CERTIFICATE				

Digital skills USER MICROSOFT OFFICE (WORD, EXCEL, POWER POINT), GRAPHPAD PRISM 5

Other skills (hobbies) Swimming, Italian and knitting

ADDITIONAL INFORMATION

Main publications

1. Plasma 25-hydroxyvitamin D levels and VDR gene expression in peripheral blood mononuclear cells of leukemia patients and healthy subjects in Central Kazakhstan. - Nutrients. - 2020. - Vol. 12 (1229) – p.1-16 (IF -5.09, Q1, SJR; 85%)
2. 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. – Vol. 12(2) – p.467-472. (Scopus, Q4, SJR – 0.14)
3. Plasma 25-Hydroxyvitamin D Level and VDR Gene Single Nucleotide Polymorphism rs2228570 Influence on COVID-19 Susceptibility among the Kazakh Ethnic Group-A Pilot Study - 2023. – Vol.15(1781) – p.1-16 (IF -5.09, Q1, SJR; 85%)
4. Determining the conditions for optimizing REAL-TIME PCR for studying the expression of the Nrf2 gene. - Bulletin of the Shakarim State University of Semey. – 2016. - №4.(76). – Pp. 135-138
5. Transcription factor Nrf2, its role in cell differentiation in leukemia. - Astana medical journal. – 2016. –№2.(88). – P. 31-38.
6. VDR gene expression and development of leukemias. - Scientific review. Biological sciences. - 2016. - No. 4. - P. 21-25.

The number of published scientific and educational works-more than 30, of which:
- in journals based on Scopus - 1;
— in journals based on Clarivate Analytics – 2;
- in publications recommended by ESCQA MES RK-5;
— in publications published in the RSCI database, including journals from the HAC list- 4;
- textbooks, teaching aids, electronic textbooks (co-authored) - 2.
- methodological recommendations – 4

Monograph - 1

The Hirsch index based on Scopus is 2.
The Hirsch index based on Google Scholar is 2.

Participation in the implementation of scientific projects

Development of new cosmeceuticals with antioxidant action based on domestic plant raw materials (executor)

Membership in professional scientific organizations

No

Awards and titles

In 2013, awarded the Certificate of Honor of the Association of Universities of the Republic of Kazakhstan for her contribution to the development of the higher education system through the translation of textbooks of foreign authors

2022 - winner the title of «Best University Lecturer – 2021»

Courses

1. Genetics
2. Molecular Biology
3. Genetic engineering
4. Medical biotechnology
5. Cell biotechnology
6. Biometry

Professional and scientific interests

The effect of vitamin D and plant polyphenols on the differentiation of leukemic cells
- Modern molecular genetic research methods

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: AAF-2882-2020
ORCID ID: 0000-0002-0904-4726
Author ID Scopus: 57203661335