

PERSONAL INFORMATION

Шайбек Алтынай Жұпарқызы



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

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| Date of birth: 30/01/1980

PLACE OF WORK, POSITION

E. A. Buketov University of Karaganda, Zoology department

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Master of Biological Sciences (2003),
PhD Doctor of Philosophy in the specialty "6D060700-Biology" (2021).

WORK EXPERIENCE Place and date

- 2004-2011-Lecturer of the Department of Zoology of the E. A. Buketov KarSU
- 2011 to 2021-Senior Lecturer of the Department of Zoology (Faculty of Biology and Geography) KarSU named after E. A. Buketov;
- 1. 2004-2014-tech.Secretary of the SAC in the specialty 5B060700-Biology, 5B011300-Biology;
- 2008-2017 Senior curator, Adviser of the Department of Zoology;
- 2014-2018. responsible for the practice of the Department of Zoology.
- She worked under the NIS contract from 2015 to 2019, was a member of the jury for the defense of scientific projects by schoolchildren at the Nazarbayev Intellectual School (Nauryz 2017,2018)
- By order of the Ministry of Education and Science of the Republic of Kazakhstan, the CST is involved in the examination of HEU tests in the discipline "Cell Biology", - "Cell Biology" (master's degree); on the development of HEU tests in the discipline "Zoology of invertebrates" (2015); "Cytology and Histology" (2017)
- 2. - 2015-2017-Chairman of the NASM of the Faculty of Biology and Geography
- 2021 – PhD Doctor of Philosophy on 6D060700-Biology of the KarU named after Academician E.A. Buketov.
- Since September 2020-adviser in the specialty 5B060700-Biology; 6B05101-Biology from September 2021 to the present – Head of the Department of Zoology

EDUCATION AND PROFESSIONAL TRAINING

Education

- - 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".

Professional trainings, Scientific trips

- 2012 (June) - internship at Al-Farabi Kazakh National University, specialty "Genetics, Cytogenetics "(Almaty)
- 18.03-18.04.2019-scientific trip to the BU "Khanty-Mansiysk State Medical Academy" (Khanty-Mantiysk, Russia);
- November 11-23, 2019-scientific business trip, Astana Med.Academy, Department of "Histology, Cytology" (Astana);

SKILLS DEVELOPMENT INFORMATION

- "Biology" of the FPC(2005);
- "Basic principles features and methods of operation on modern chromatographs and spectrometers" (2009);
- "Chemistry of fine organic synthesis: Nanotechnologies and new materials" (2010),
- "Genetics" (2012);
- "Koldanbaly didaktikalyk materialdardy ondeu zhane nesielik pen kashykytktan okytu technogiyalary zhagdayynda bilim beru adistemeleri" (2013);;
- JSC National Center for Advanced Training "Orleu" (2014 registration number .0132121), «ELSEVIER BV» (Gamze Keskin, 2014);
- "Springer" SpringerLink User Training (24.04.2015); "Thomson Reuters Day in KarGU" (24-February 2015);
- "Topical issues of clinical and experimental diabetology" (June 25-26, 2015);
- "School of lecturing skills" (28.05.2015);
- "Best practices and alternatives to the use of animals in education and training" (16.06.2016);
- «Carcinogenesis cancer treatment and prevention» (05-17 September 2016);
- Advanced training at the Institute of Qualification and Additional Education of Al-Farabi Kazakh National University-specialty Genetics.(in the volume of 240 academic hours);
- "Topical issues of clinical and experimental diabetology" - (Karaganda, February 20-21, 2017);
- "Kazirgi biology: Teoriyalyk, koldanbalyk aspektleri zhane panaralyk baylanystary"-(Kagandy, 13-14 kazan 2017);
- "Trilingual education" -(04.12. -06.12.2017);
- "Modern approaches to the assessment of students' academic achievements (40 sagat)"-07.12. - 08.12.2017 zh.
- Certificate of completion of the course on the Coursera platform on the topic: Genetics (Genetics) /Online course training/ internship at the university "Novosibirsk State University", offered on the Coursera COURSE CERTIFICATE from 5.05.2020 Altynay Shaibek
- 2. Certificate of completion of the course on the Coursera platform on the topic: "Epigenetics . Short course on gene management " /Online training course/ internship at the university "Novosibirsk State University", offered on Coursera COURSE CERTIFICATE from 29.06.2020. Altynay Shaibek
- Certificate of completion of the course on the Coursera platform on the topic: "The structure of biological tissues for modeling in biomedical physics" /Online training course/ internship at the University " online course without the right to credits from the National Research Nuclear University MEPhI, offered on Coursera CERTIFICATE from Fe b 17, 2022 //Altynay Shaibek

PERSONNEL QUALITIES

Native language

Казахский (there are certificates A2 (June 2022), B2 level (07 October 2022)

Наименование языка

	ПОНИМАНИЕ	ГОВОРЕНИЕ	ПИСЬМО
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	Слушание	Чтение	Устная речь	Письменная речь	
Russian	B2	B2	B2	B2	B2
Наличие языкового сертификата. «Нет»					
English	A2	A2	A1	A1	A1
Наличие языкового сертификата: Да					
French	базовый	базовый	базовый	базовый	базовый
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)

Reading books, traveling

ADDITIONAL INFORMATION

- publications in journals with impact factor based on Scopus:

1. 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.-N5.-P.680-684.
2. Prevention of Destruction of B-cells of Isolated Pancreatic Islets Caused by 5-nitro-8-oxyquinolin. Transplant International the European Journal of Transplantation. -2017. -Vol. 30. S.1. -P. 541.
3. Reduced form of Glutathione protect B-cells from destruction caused by xanthurenic acid. DIABETES TECHNOLOGY&THERAPEUTICS.-2017.-Vol. 19, s.1, P.127.
4. Cysteine Prevents the Development of Experimental Diabetes Induced by Zinc-Binding Substances Bulletin of Experimental Biology and Medicine. -2020. -Vol. 168. No. 5. -P.621-626.(Scopus, IP0,775)(Medicine,Q3) G. G. Meyramov, K.-D.Kohnert , A. Zh. Shaybek, D. A.Meyramova, G. T. Kartbayeva, G. M. Kovalenko and Zh. Zh. Zhumagalieva //Bulletin of Experimental Biology and Medicine, Vol. 168, No. 5, March, 2020 GENERAL PATHOLOGY AND PATHOPHYSIOLOGY // DOI:10.1007/s10517-020-04765-1
5. Gabit G. Meyramov Vladimir I. Korchin, Fatima S. Abikenova, Altynay Zh.Shaybek, Gulnaz T.Kartbayeva, Aizhan G.Meyramova, Gulmira O. Zhuzbaeva, Olga L.Kovalenko "Histochemical Investigation of Influence of Diabetogenic Zinc Binding Chemicals In Vitro on Human Pancreatic B-Cells and its Prevention" // "Open Access Macedonian Journal of Medical Sciences" ; 2022, August,10(A):1392-1396 Unfollow journal (LicenseCC BY-NC 4.0) Scientific Foundation SPIROSKI, Skopje, Republic of Macedonia Open Access Macedonian Journal of Medical Sciences. 2022 Feb 05; 10(A):1-5. SCOPUS, Q3, процентиль 0,48 <https://doi.org/10.3889/oamjms.2022.8197>

Availability of scientific articles - in COXON journals (according to the list of the Committee for Control in the Field of Education and Science) and refereed journals of the CIS and international.. conferences

Main publications

6. Destruction of capillaries in pancreatic islets as possible cause of aggravation of diabetes. Международная научно-практическая конференция "Актуальные проблемы экологической генетики и экспериментальной биологии", г.Алматы,25 января 2018 г.;2018.-С.137-138.
7. Использование гистохимических методов окраски инсулина при работе с культурой изолированных панкреатических островков. Вестник Государственного Университета имени Шакарима города Семей.-2019.-№1(85).-С.285-289.
8. Prevention of developing experimental diabetes by reduced form of glutathione Вестник Карагандинского университета. Серия Химия -2019.-№ 3 (95). -С.21- 28. Meyramov G.G., Kohnert K.-D. Et al.
9. Isolated Pancreatic Islets: Features of Technology of Fixation and Embedding of Islets and of Insulin Staining in B-Cells. Biomedical Journal of Scientific&Technical Research, 2019, Vol.19.(2).-P. 14135-14137.
10. О предотвращении развития экспериментального диабета, вызываемого цинксвязывающими веществами, с помощью цистеина. Бюллетень экспериментальной биологии и медицины. Москва, 2019.- № 11 (168).- С.559-564. (РИНЦ, 0,666) Мейрамов Г.Г., Kohnert K.-D.)
11. On the chemical mechanisms of interaction of diabetogenic toxic substances with zinc in the pancreas and methods for its prevention Серия «Биология. Медицина. География». № 2(98)/2020
12. "О механизме предотвращения восстановленным плутатионом деструкции панкреатических в-клеток, вызываемой диabetогеннымzn-связывающим веществом" «Morphology» (Neuroscience and Behavioral Physiology) is abstracted by Scopus, Russian Index of Scientific Citation (RISC) on the basis of eLIBRARY.RU scientific electronic library журнал «МОРФОЛОГИЯ». -РАН.-Москва.-2020.- Том 157. -№2-3.-С.137-138 (SCOPUS 0,137) eLIBRARY ID: 43134047<https://www.elibrary.ru/item.asp?id=43134047>
13. Изучение цитотоксического действия аллоксана на изолированные панкреатические островки в условиях предварительного введения никотинамида Korchin V. I., Korchina T. Ya., Meyramov G. G., Shaybek A. Zh. (Khanty-Mansiysk, Russia; Karaganda, Kazakhstan) ISSN 1026-3543 «Morphology» (Neuroscience and Behavioral Physiology) is abstracted by Scopus, Russian Index of Scientific Citation (RISC) on the basis of eLIBRARY.RU scientific electronic library<https://www.elibrary.ru/item.asp?id=43133968>
14. On the mechanisms of damaging effect of diabetogenic chelators on the endothelium of blood capillaries in pancreatic islets. Серия «Биология. Медицина. География». № 2(102)/2021
15. ВЫСОКОСПЕЦИФИЧНЫЙ МЕТОД ОКРАСКИ ГОРМОНА ИНСУЛИНА ДИМЕТИЛНАФТИЛМЕТАНОМ («ВИКТОРИЯ 4»). 2021 №1 (107)
16. О перспективах использования трансплантационного метода лечения сахарного диабета Серия «Биология. Медицина. География». № 1(93)/2019
17. HISTOCHEMICAL AND IMMUNOCYTOCHEMICAL INVESTIGATION OF ENDOCRINE TISSUE OF PANCREAS AFTER DAMAGE CAUSED BY B – CYTOTOXIC CHEMICALS. Астана Медициналык журналы №1 (99) 2019 стр 326_332 IRSTI 76.03.35 // UDC616-018:616:379-008.64
18. Influence of derivatives of oxyquinoline on state of gistostructure as of insulin and zinc content in β -cells of the isolated pancreatic islets UDC 616-018:616:379-008.64:577:112 G.G. Meyramov , K.-D. Kohnert , V.I. Korchin , G.O. Zhuzbayeva , A.P. Andreewa , G.T. Kartbayeva , A.S. Shaybek Серия «Биология. Медицина. География». № 4(96)/2019
19. "Histophotometric complex for quantitative estimation of Insulin and Zinc Content in Pancreatic B-cells" //DOI 10.31489/2020BMG4/106-111 UDC 616-018:616:379-008 G.G. Meyramov1*, K.-D. Kohnert2 , V.I. Korchin3 G.T. Tusupbekova4 , A.S. Shaybek1 , A.G. Abdramova-Meyramova5 Серия «Биология. Медицина. География». № 4(100)/2020г

20. G.G. Meyramov¹, V.I. Korchin², K.D. Kohnert³, A.Z. Shaybek¹, F.S. Abikenova⁴, A.G. The biological role of zinc in the pancreas, prostate and in submandibular glands and influence of its complex salts with chelators on the state of glands tiss. Серия «Биология. Медицина. География». № 2(106)/2022

21. Мейрамов Г.Г., Конерт К.-Д., Корчин В.И., Абикинова Ф.С., Шайбек А.Ж., Мейрамова А.Г. «Гистохимическое выявление и оценка содержания цинка и инсулина в бета-клетках панкреатических островков животных и в ткани предстательной и слюнных желез» НАО Университет им. Букетова Е.А., г. Караганда Институт Диабета «Герхардт Катч», г. Карлсбург БУ ВО «Ханты-Мансийская государственная медицинская академия», г. Ханты-Мансийск НАО Карагандинский медицинский университет, г. Караганда НАО Университет Болашак, г. Караганда

DOI: 10.36361/1814-8999-2022-23-1-103-107 // Медицинская наука и образование Урала № 1/2022

22. Картаева Г.Т., Шайбек А.Ж., Баданова А. Е., Дю Понт О.Н. Круговая работа и ее значение в воспитании учащихся. // Республикалық ғылыми әдістемелік журнал Республиканский научно методический журнал Қыркүйек\Сентябрь №9(9) / 2022 жыл Алматы қаласы

Educational and methodical work

1. «Методические рекомендации для докторантов, магистрантов студентов естественно-научного направления по выполнению исследовательских работ» // А.Ж. Шайбек., Г.Г. Мейрамов 2020 год
2. Жануарлар экологиясы: Оқу құралы / Г.К- Турлыбекова, Г.О. Жузбаева, А.Ж. Шайбек, Г.Ж. Жомартова. — Караганды: КарМУбаспасы, 2020. — 206 бет. ISBN 978-9965-39-795-0
3. Animal ecology: textbook / G.K. Turlybekova, G.O. Zhuzbaeva, A.Zh. Shaibek, G.Zh. Zhomartova. Karaganda: KaragandaStateUniversityPublishingHouse, 2020. 183 p. ISBN 978-9965-39-821-6

Англо-русско-казахский, русско-казахско-английский, казахско-англо-русский словарь терминов по цитологии, гистологии и биологии индивидуального развития: учеб. пособие / О.Л. Коваленко, Г.Г. Мейрамов, А.Ж. Шайбек. — Караганда: Изд-во Караганд. ун-та им. акад. Е.А. Букетова, 2020. — 104 с. ISBN 978-9965-39-825-4

The number of published scientific (on the topic of dissert. Researches) and educational and methodological works - more than 70, of which:

- in journals based on Scopus – 3;
- in journals based on Clarivate Analytics-5;
- in publications recommended by «Committee for Control in the Sphere of Education and Science» (КОКСОМОН РК) -32;
- in publications published in the RSCI database, including journals from the list of HAC-3;
- in materials of international conferences and congresses, -25
- textbooks, teaching aids (co-authored) - 3.

The H-index based on Scopus – 1.

The Hirsch index based on Clarivate Analytics is -1.

Google Scholar – 10 Hirsch Index

**Participation in the
implementation of scientific
projects** -

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

Courses

1. Cytogenetics
 2. Cytology
 3. Cell biology
 4. The evolutionary doctrine
 5. Cytology and histology
 - 6 "Cell Biology"
- Scientific topic "Diabetogenic zinc-binding B-cytotoxic compounds: mechanisms of action and methods of prevention of the development of diabetes mellitus caused by them" (2011-2021)
- The topic of the doctoral dissertation for the degree of Doctor of Philosophy (PhD) "Prevention of the destruction of pancreatic β -cells caused by diabetogenic zinc-binding substances with reduced glutathione and the study of the mechanisms of its preventive action»

Professional and scientific interests

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: U-9662-2018

ORCID ID: <https://orcid.org/0000-0002-8049-5781>

Идентификатор РИНЦ: -

Author ID Scopus: [Scopus Author ID: 56910227300](#)