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MD., PhD



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POSITION TITLE: Professor, Head
Public Health Department
International Higher School of Medicine
1F, Intergel'po st., 720054, Bishkek, Kyrgyzstan

Education:

Normal Physiology and Environmental Health	Kyrgyz State Medical Academy	PhD	1996
Preventive Medicine	Kyrgyz State Medical Academy	MD	1989

Continuing Education training:

Cardiorespiratory Physiology	Sport Institute, Kiev	1992
Management in Public Health	Medical Institute of CPD, Bishkek	1998
Risk Assessment in Environmental Health	Heinrich Heine University, Duesseldorf Germany	1999
Community Needs Assessment in Health	University of Nevada, Reno, USA	2000
Case Study Methods	AIHA, USA	2001
Environmental Health, Industrial Hygiene	School of Public Health, University of Iowa, Iowa city, USA	2002
Evidence Based Medicine in Clinical Education	AIHA, University of South Florida, USA	2003
Project Evaluation and Monitoring	Global Fund, Bishkek, Kyrgyzstan	2004
Brunnenbau und Landliche Wasserversorgung	University Siegen, Siegen, DAAD, Germany	2007
Management of Education Quality Assurance (ISO 9001)	Kyrgyz State Medical Academy, Bishkek, Kyrgyzstan	2009
Occupational and Environmental Medicine International training course	Thailand International Development Cooperation Agency Chulabhorn Research Institute, Bangkok, Thailand The Mount Sinai School of Medicine, New York, USA	2011
Higher Education Pedagogic Bases	CPD course of the International school of medicine, Bishkek, Kyrgyzstan	2012
Environmental and Occupational Health	University of Milan, Italy, University of Tartu, Estonia University of Gothenburg, Sweden. EACEA, EU	2013
Instructional Methods in Health Professions Education	University of Michigan Medical School, USA	2013
Case-Based Introduction to Biostatistics	Bloomberg School of Public Health John Hopkins University, USA	2014
Innovation in Education and Research in Environmental and Occupational Health	University of Milan, Italy, University of Tartu, Estonia Technical University Berlin, Germany, LDOH, Netherlands	2017
Effective Management Decisions in Medical Organizations: from the Development to Implementation	Academy of Post-Diploma Education, Moscow, Russian Federation	2019

Positions:

Researcher and Instructor of the General Hygiene Department Kyrgyz State Medical Academy, Bishkek Kyrgyzstan	06/1989-08/1990
Instructor of the General Hygiene Department Kyrgyz State Medical Academy, Bishkek Kyrgyzstan	09/1991-09/1992
Researcher of the Clinical Research Laboratory: Physiological and hygienic study Kyrgyz State Medical Academy, Bishkek Kyrgyzstan	10/1991-08/1994
Head of the Clinical Research Laboratory's Department Kyrgyz State Medical Academy, Bishkek Kyrgyzstan	09/1994-12/1996
Associate Professor of the Hygiene and Epidemiology Department Kyrgyz State Medical Academy, Bishkek Kyrgyzstan	01/1997-08/2010
Head of the Center for Health Care Research of the KSMA Kyrgyz State Medical Academy, Bishkek Kyrgyzstan	05/2000-06/2005
Visiting Researcher St. Martin's College, Lancaster, UK	01/2006-11/2008
Associate Professor of the Public Health Department International School of Medicine, Bishkek, Kyrgyzstan	09/2010-12/2018
Head of the Public Health Department International School of Medicine, Bishkek, Kyrgyzstan	01/2019-present
Visiting professor Kazakh National Medical University, Almaty, Kazakhstan	09/2011-present

Completed Research Support

- Agency: Ministry of Health and Ministry of Geology of Kyrgyzstan
Title: Physiology of Miners' Labor at level 4200-4600 m above sea level (1990-1992).
Role: Co-investigator
- Agency: Ministry of Health of Kyrgyzstan
Title: Physiological and Hygienic Evaluation of the shepherds work at high altitude (1993-1996).
Role: Co-investigator
- Agency: Scientific division of the Ministry of Education of Kyrgyzstan
Title: Thermoregulation of a body at high altitude (1994-1997):
Role: Co-investigator
- Agency: AIHA
Title: Effectiveness of Family medicine practices at the KSMA medical center (2000):
Role: PI
- Agency: Ministry of health of Kyrgyzstan
Title: The top twenty of health problem in Kyrgyzstan (2001).
Role: PI
- Agency: EACEA TEMPUS
Title: The Development of Public Health Services in Kyrgyzstan (2002-2004).
Role: PI.
- Agency: Global Fund on Fight against AIDS, Tuberculosis and Malaria
Title: Prevention of HIV among students of Kyrgyzstan (2005-2006).
Role: Co-investigator
- Agency: Ministry of Education and Science of the Republic of Kazakhstan
Title: Rural Health in Kazakhstan
Role: PI
- Agency: EACEA TEMPUS
Title: Central Asian Network for Education, Research and Innovation in Environmental Health, CANERIEH
Role: Regional Coordinator

10. Agency: EACEA Erasmus Plus 2017-2020
 Title: Strengthening Asian Network for Education, Research and Innovation in Environmental Health, TUTORIAL
 Role: Regional Coordinator

11. Agency: International school of medicine 2018-2020
 Title: Health Risk perception of population in Kyrgyzstan
 Role: Coordinator

12. Agency: International School of Medicine 2017-2020
 Title: Occupational Health of nurses of oncology hospitals in Kyrgyzstan
 Role: Coordinator

13. Agency: EACEA Erasmus Plus 2020-2023
 Title: The Development of Research Capacities in Kyrgyzstani Academia
 Role: Coordinator

14. Agency: EACEA Erasmus Plus 2021-2024
 Title: Harmonization and Mutual Recognition of Master Programmes in Occupational and Environmental Health
 Role: Regional Coordinator

15. Agency: EACEA Erasmus Plus 2023-2026
 Title: Building Educational and Research Capacities in Nutrition in Central Asia
 Role: Coordinator

16. Agency: EACEA Erasmus Plus 2023-2026
 Title: Development of Green and Digital Universities in Kyrgyzstan
 Role: Co-investigator

Active Research Support

17. Agency: EACEA Erasmus Plus 2023-2026
 Title: Building Educational and Research Capacities in Nutrition in Central Asia
 Role: Coordinator

18. Agency: International Higher School of Medicine 2024-2028
 Title: Assessing the Relationship Between Ikigai and Frailty Among the Ageing Population in Kyrgyzstan: A Cohort Study
 Role: Coordinator

19. Agency: International Higher School of Medicine 2024-2028
 Title: Non-Communicable Diseases Cohort Study in Kyrgyzstan
 Role: Coordinator

20. Agency: JICA, SATREPS 2025-2028
 Title: Development of a Satellite Data- and a Regional Chemical Transport Modeling-based Air Pollution Assessment System and Formation of a Research Center for Air Pollution Studies
 Role: Principal Investigator

Honors

Honorary Professor of the Osh State University, Osh, the Kyrgyz Republic, 2025

Honorary Professor of the Bukhara State Medical Institute, Bukhara, Uzbekistan, 2025

Certificate of Merit of the Ministry of Education and Science of the Kyrgyz Republic, 2024

Honorary Research Fellow of the University of Cambria, Lancaster, UK, 2011

Medal of the Kyrgyz Ministry of Health "Excellence in Public Health", 2004

The ACTR Junior Faculty Development Program Scholarship, University of Iowa: Environmental Health, 2001-2002

Deutsche Akademische Austauschdienst Scholarship, Heinrich Heine University

Medical Institute of Environmental Hygiene, Düsseldorf, Germany: Environmental Studies, Risk Assessment, 1999

Professional memberships

Laboratorial Board of the Republican Sanitary & Epidemiology Department, Ministry of Health (1997-2010)

Kyrgyz Republican Public Health Association (1997-2008)

American Public Health Association (2000-2001)

Academic committees

Educational board of the KSMA Public Health Faculty (September 1997-2009)

Scientific board of the ISM (May 2018-present)

Academic Board of the ISM (January 2019-present)

Teaching Activities. Program Development & Lecturing

1996-2008	Environmental Health, Occupational Hygiene	Undergraduate
2003-present	Environmental Health, Social Medicine, Public Health	Undergraduate
2015-present	Public Health, Global Health, Biostatistics	Graduate

Service

Focal point of EURO WHO Occupational Health Network (2008-2013)

Advisor of the Public Health Department of the Kyrgyz Ministry of Health (2008-2010)

Journal Review Activities

Reviewer	Electronic Journal of Rural and Remote Health	2008-2012
Reviewer	Frontiers in Public Health	2022-present
Reviewer	Nutrition and Health	2022-present
Member of Editorial Board	Eurasian Medical Journal	2019-present
Associate Editor	Public Health Challenges	2022-present

Publications

Books and book chapters

1. Karakushikova AS, Toguzbaeva KK, **Dzhusupov KO**, et al. Innovations in healthcare and medicine. Almaty, Kazakhstan. 2014. 139 p. Russ.
2. Karakushikova AS, Toguzbaeva KK, **Dzhusupov KO**, et al. Rural health in the southern region of Kazakhstan. Almaty, Kazakhstan. 2014. 127 p. Russ.
3. O'Brien V, Dzhusupov KO, Kudaibergenova T. Place, Culture and Everyday Life in Kyrgyz Villages. In: *Making Sense of Place. Multidisciplinary Perspective*. The Boydell Press. New Castle University. University of Cumbria. –UK Croydon. 2012. 79-92.
4. **Dzhusupov KO**. Health Promotion. In: *Pubic Health. Guide for public health professionals*. – WHO, Bishkek, Kyrgyzstan. 2012. 176-200. Russ.
5. **Dzhusupov KO**. Introduction to Epidemiology of HIV/AIDS. In: *Pubic Health. Guide for public health professionals*. – WHO, Bishkek, Kyrgyzstan. 2012. 201-225. Russ.
6. **Dzhusupov KO**. Introduction to The Maternal and Child Health. In: *Public Health. Guide for public health professionals*. – WHO, Bishkek, Kyrgyzstan. 2012. 226-253. Russ.
7. **Dzhusupov KO**. Adaptation to industrial work in mountainous conditions. Bishkek, Kut Ber, Kyrgyzstan. 2009. 168 p. Russ.
8. **Dzhusupov KO**. Occupational Physiology and Hygiene of miners in the mountains of Kyrgyzstan. Bishkek, Kut Ber, Kyrgyzstan. 2007. 210 p. Russ.
9. Kasymov OT, Jorbaeva AA, **Dzhusupov KO**, Erbaev AT. Optimization of a body functional status at high altitude. In: *Manual of High Mountain Physiology*. Sankt-Petersburg, Russian Federation. 2000. 95-122. Russ.
10. **Dzhusupov KO**. Modern presentation in human thermoregulation system in high mountain conditions. In: *Manual of High Mountain Physiology*. Sankt-Petersburg, Russian Federation. 2000. 297-307. Russ.
11. Burabaeva AA, Kasymov OT, **Dzhusupov KO**. Issues of rehabilitation therapy of miners in the mid-mountain resorts of
12. Akynbekov KU, Spirt MB, **Dzhusupov KO**. Current issues of hygiene and physiology of distant-pasturing animal husbandry. Bishkek, Kyrgyzstan. 1996. Russ.

Conference proceedings

13. **Dzhusupov KO**., Rakhim F., Toguzbaeva K. Systematic analysis for the Global Burden of Disease Study 2019: Impact of human cystic echinococcosis in the Central Asia region, 1990-2019. XXIX World Congress of Echinococcosis, Kyrgyz State Medical Academy, Bishkek, Kyrgyzstan, August 28-20, 2023. Eng
14. Tabibi R., Toguzbaeva K., **Dzhusupov K.**, Sokoti M. Epidemiology of cystic echinococcosis, a neglected occupational

- disease in developing countries. XXIX World Congress of Echinococcosis, Kyrgyz State Medical Academy, Bishkek, Kyrgyzstan, August 28-20, 2023. Eng
15. Vishniakov D, Turdumambetova M, Matkerimova N, **Dzhusupov K**, Sultanbaeva Z, Rafibekov E. Neglected yet pervasive: shedding light on echinococcosis awareness in the Kyrgyz Republic and prevention capacity via cross-sectional study findings. XXIX World Congress of Echinococcosis, Kyrgyz State Medical Academy, Bishkek, Kyrgyzstan, August 28-20, 2023. Eng
 16. **Dzhusupov KO**, Bazhanova AA. Transition of doctoral studies in Kyrgyzstan: an example of a program in Public Health. In: Proceedings of the International Congress of the Central Eurasian Studies Society. Indiana University, Indiana, USA, September 19-22, 2022. Eng.
 17. **Dzhusupov KO**, Bekboeva R.R., Chynybaev M.K. The development of PhD studies in Kyrgyzstan: issues and perspectives. In: Proceedings of the International Conference "Doctoral Programmes In Public Health And Social Sciences". M. Heratsi Yerevan State Medical University, September 12-14, 2022. 41-49. Eng.
 18. **Dzhusupov KO**, Aidaraliev AA, Toguzbaeva KK. The development of research-based medical schools in Central Asia. In: Proceedings of the International Congress "Modern state, issues and perspectives of the medical education". Bukhara, Uzbekistan. April 12, 2018. 40-42. Russ.
 19. Toguzbaeva KK, Karakushikova AS, **Dzhusupov KO**, et al. Efficiency and quality of rural health services in the region of Kazakhstan. In: *International Congress of Rural Health as a Social, Economic and Cultural Engine*. Sept. 8-11, 2015. Milan, Italy. 24.
 20. Toguzbaeva KK, Karakushikova AS, **Dzhusupov KO**, et al. Efficiency and quality of rural outpatient clinic in Karasai district in Kazakhstan. In: *Proceedings of the Congress of the European Academy of Natural Sciences "Modern methods of prevention, treatment and rehabilitation"*, Hannover, May 31, 2015. Hannover, Germany. 2015. 25.
 21. Toguzbaeva KK, Karakushikova AS, **Dzhusupov KO**, et al. Influence of environmental factors on newborn. In: *Proceedings of the Congress of the European Academy of Natural Sciences "Modern methods of prevention, treatment and rehabilitation"*, Hannover, May 31, 2015. Hannover, Germany. 2015. 25.
 22. **Dzhusupov KO**. The content of lead in the biosphere objects in Chui valley of Kyrgyzstan. In: *One Health. Proceeding of the I International Symposium for One Health Research*. Guangzhou, China, 2014. 75.
 23. **Dzhusupov KO**. Oxygen regimes of the body in the highlands. In: Proceedings of the 1st International Conference of the Kazakhstan Organization for Labor Protection, Astana, Kazakhstan. 2011. 119-122. Russ.
 24. Jumaliev AA, Jumaliev GA, **Dzhusupov KO**, et al. The use of distance learning in the Central Asian region. In: *Proceedings of the Internationaler Kongress & Fachmesse*, Hannover, Germany. 2011. 37.
 25. O' Brien V, **Djusupov KO**, et al. Embracing the Everyday: Reflections on using video and photography in health research. *Social Interaction and Mundane Technologies* 2008, ACM SIG, Cambridge, UK.
 26. O' Brien V, **Djusupov KO**, Wittlin F. Visible voices, shared words: using digital video. In: *International Simtech workshop*, 2007, Melbourne. <http://www.mundanetechnologies.com/goings-on/workshop/melbourne/papers/ObrienJusipovWittlin.pdf>
 27. Aidaraliev AA, Kudaibergenova IO, **Dzhusupov KO**, et al. Professional education in the field of public health of the Kyrgyz Republic. In: *Proceedings of the international conference TEMPUS "Development of public health in Kyrgyzstan."* KSMA, Bishkek, Kyrgyzstan. 2003. 6-18. Russ.
 28. Aidaraliev AA, Burabaeva AA, **Dzhusupov KO**. Public Health Nurse and Her Role in Health Promotion. In: *Proceedings of the international conference TEMPUS "Development of public health in Kyrgyzstan."* KSMA, Bishkek, Kyrgyzstan. 2003. 82-87. Russ.
 29. **Dzhusupov KO**. The Thermoregulation of Shepherd's organism in the High Altitude. *CREEES, the University of Iowa*, Iowa City, USA. 2002. 151-161.
 30. **Dzhusupov KO**, Kasymov OT. State of Reforms in the Health System in the Kyrgyz Republic. *CREEES, the University of Iowa*, Iowa City, USA. 2002. 141-150.
 31. Aidaraliev AA, **Dzhusupov KO**, et al. Modern understanding of public health as a science in the system of medical knowledge. In: *Proceedings of the Intern. Conf. "Human health and the environment. Strategies and programs in the new millennium"*. May 14-16, 2001, Bishkek-Cholpon Ata, Kyrgyzstan. 97-102. Russ.
 32. Burabaeva AA, Kasymov OT, **Dzhusupov KO**. Issues of rehabilitation therapy of miners in the mid-mountain resorts of the Issyk-Kul region. In: *Natural Curative Resources of Kyrgyzstan and Resorts of the Federation of Trade Unions: Problems and Opportunities*. Conference Proceedings. Cholpon-Ata, Kyrgyzstan. 2000. Russ.
 33. Esenamanova MK, Burabaeva AA, **Dzhusupov KO**. New norms of therapeutic diets and the use indications. In: *Environment and Human Health*. Proceedings of the Kyrgyz State Medical Academy. Bishkek, Kyrgyzstan. 2000. 123-131. Russ.
 34. Erbaev A, **Dzhusupov KO**. The state of mast cells in rats exposed to corona discharge factors in high altitude conditions. In: *Environment and Human Health*. Proceedings of the Kyrgyz State Medical Academy. Bishkek, Kyrgyzstan. 1999. 274-278. Russ.
 35. Esenamanova MK, **Dzhusupov KO**, Kochkorova FA. The biological value of modern Kyrgyz dishes and food. In: *Environment and Human Health*. Proceedings of the Kyrgyz State Medical Academy. Bishkek, Kyrgyzstan. 1999. 123-131. Russ.
 36. **Dzhusupov KO**. Human heat exchange in climatic conditions of high mountains. In: *Results and prospects of the development of modern medicine in the context of the XXI century*. Bishkek, Kyrgyzstan. 1998. Russ.
 37. Mambetaliev BS, **Dzhusupov KO**. The thermal state of a person and his optimization in the production conditions of the

highlands. In: *Results and prospects of the development of modern medicine in the context of the XXI century*. Bishkek, Kyrgyzstan. 1998. Russ.

38. Mambetaliev BS, **Dzhusupov KO**. The thermal state of livestock breeders in the pastures of Kyrgyzstan. In: *Plasticity and reactivity of the organism, organs, tissues, and cells*. Bishkek, Kyrgyzstan. 1997. Russ.
39. Akynbekov KU, **Dzhusupov KO**. Some environmental and social aspects of the development of pasture sheep in Kyrgyzstan. In: *Environment and Human Health*. Proceedings of the Kyrgyz State Medical Academy. Bishkek, Kyrgyzstan. 1995. Russ.

Peer-reviewed journals

40. Kurzhunbaeva Z, Vigliaturo R, Pia Servetto G, Bertoglio B, Cecchetto G, Tulepbergenov N, Mindiyarova E, Kasymova R, **Dzhusupov K**, Capella S, Belluso E, Colosio C, Spinazzè A, Cavallo DM & Visonà SD. Assessment of asbestos exposure in Kyrgyzstan through analysis of raw and processed materials, air samples and human lung tissue. *Sci Rep* 15, 25114 (2025). <https://doi.org/10.1038/s41598-025-10736-1>
41. Chyngyshpaeva Y, Derbishaliev Z, Dzhaliev Z, Lucero-Prisno DEI, **Dzhusupov K**. Cross-Sectional Study of Maternal Iodine Nutrition & Salt Iodization in Kyrgyzstan: Urban-Rural & Socioeconomic Factors. *International health*, 2025. <https://doi.org/10.1093/inthealth/ihaf076>
42. Rahim F, Toguzbaeva K, **Dzhusupov K**. Blindness and Vision Loss in Central Asian Countries. In: *Bennett, G., Goodall, E. (eds) The Palgrave Encyclopedia of Disability*. Palgrave Macmillan, Cham., 2025. https://doi.org/10.1007/978-3-031-40858-8_418-1
43. Azfar HS, Ibrahim M, **Dzhusupov K**, Orru H, Inga Villa, Kati Orru. Risk Factors of CVD in Different Ethnic Groups in Kyrgyzstan. *Public Health Challenges*, 2025, 4(1), e70025. <https://doi.org/10.1002/puh2.70025>
44. Rahim F, Toguzbaeva K, Aidaraliev A, **Dzhusupov D**. Strategies to Strengthen Iraq's Primary Healthcare System: A Systematic Literature Review with Special Focus on Society 5.0 in Public Health Challenges. *Public Health Challenges*, 2025, 4(1), e70033.9. <https://doi.org/10.1002/puh2.70033>
45. Kurzhunbaeva Z, **Dzhusupov K**, Spinazzè A, Visonà SD, Sulaimanova C, et al. Human Exposure to Asbestos in Central Asian Countries and Health Effects: A Narrative Review. *Med Lav [Internet]*. 2024 Dec. 19; 115(6):e2024042. <https://doi.org/10.23749/mdl.v115i6.15453>
46. Vishniakov D, Turdumambetova M, Matkerimova N, **Dzhusupov K**, Sultanbaeva Z, Rafibekov E. Neglected yet pervasive: echinococcosis awareness and prevention capacity in Kyrgyzstan. *Parasitology*. 2024;1-9. doi:10.1017/S0031182024001343
47. Chyngyshpaeva Y, Dzhaliev Z, Derbishaliev Z, Ibrahim M, Lucero-Prisno DEI, **Dzhusupov K**. The state of iodine deficiency in Kyrgyzstan: Insights from studies of knowledge, attitudes and practices. *PLoS ONE* 19(11): e0313869. <https://doi.org/10.1371/journal.pone.0313869>
48. Abydykerimovna, M.A., Rahim, F., Lyailya, A., **Dzhusupov, K.**, Zhumagaliuly, A. A meta-analysis of Preclinical Studies About The Effect of Spray-dried Porcine Plasma on Microbiota Composition. *Egyptian Journal of Veterinary Science(Egypt)*, 2025, 56(4), pp. 679–690. [10.21608/ejvs.2024.262801.1781](https://doi.org/10.21608/ejvs.2024.262801.1781)
49. Rahim F, Toguzbaeva K, **Dzhusupov K**. The impact of human cystic echinococcosis in the Central Asian region, 1990–2019. *Turkish Journal of Parasitology, Turkiye Parazitoloji Dergisi*, 2024, 48(2), pp. 89–95 DOI: [10.4274/tpd.galenos.2024.64326](https://doi.org/10.4274/tpd.galenos.2024.64326)
50. Okon II, Akpan UU, Lucero-Prisno DE, Adeniran Bankole ND, Shafqat MD, Rehman IU, Shafqat MD, Gbayisomore TJ, Atallah O, Aiman M, Precious FK, Musa MK, Ibrahim M, Omer M, **Dzhusupov K**, et al. Global Neurosurgical Challenges: A Focus on Central Asia. *World Neurosurg*. 2024;16:S1878-8750(24)00829-5. doi: 10.1016/j.wneu.2024.05.067.
51. Rahim F, Toguzbaeva K, Sokolov D, **Dzhusupov K.O.** et al. Vaping Possible Negative Effects on Lungs: State-of-the-Art From Lung Capacity Alteration to Cancer. (October 22, 2024) *Cureus* 16(10): e72109. DOI:10.7759/cureus.72109
52. Kurmanbekov T, Toguzbaeva K, Dzhusupov K, Tazhiyeva A. The dynamics of morbidity and provision of urological resources in the Republic of Kazakhstan. *Clinical Epidemiology and Global Health*, 2024; 28(101767) <https://doi.org/10.1016/j.cegh.2024.101676>
53. Iskakova NS, Khismetova ZA, Sarsenbayeva GZh, **Dzhusupov KO**, Serikova-Esengeldina DS, Sadibekova ZU. Awareness Assessment Of East Kazakhstan Region Population On The Antibiotics Use. *Наука и Здравоохранение*, 2023;1(25): 123-129. <https://newjournal.ssmu.kz/publication/481/2023-123-129/>
54. Rahim F, Toguzbaeva K, Qasim NH, **Dzhusupov KO**, Khozhamkul F, Tekmanova A, Khussaiynova E. Intranasal oxytocin for patients with autism spectrum disorder: A comprehensive meta-analysis of preclinical and clinical studies. *Review Journal of Autism and Developmental Disorders*, 2024. DOI: 10.1007/s40489-024-00428-3
55. Rahim F, Toguzbaeva K, Qasim NH, Zhumagaliuly A, Khozhamkul R, **Dzhusupov K**. Probiotics, prebiotics, and synbiotics for patients with autism spectrum disorder: A meta-analysis and umbrella review. *Frontiers in Nutrition*, 2023;10:1294089. <https://doi.org/10.3389/fnut.2023.1294089>
56. Kudaibergenova TA, **Dzhusupov KO**, Nityanand J. Fostering Public Health Ethics Awareness among Medical Students through Interactive Web-Based Values Exchange Learning: A Cross-Sectional Study. *Medicine* 102(43):p e35808, October 27, 2023. | DOI: 10.1097/MD.00000000000035808
57. Kudaibergenova TA, **Dzhusupov KO**. Using the values exchange to teach research ethics. *Med Educ*, 2023 Nov;57(11):1131. <https://doi.org/10.1111/medu.15220>
58. **Dzhusupov KO**, Buban JMA, Aidaraliev AA, Ahmadi A, Chahal P, Ibrahim M, Lin X, Kouwenhoven MBN. Air pollution

in Bishkek, Kyrgyzstan: driving factors and state response. *Public Health Challenges*. 2022. 2022;1:e22. <https://dx.doi.org/10.1002/puh2.22>

59. Lucero-Prisno III DE, Kouwenhoven MBN, Adebisi YA, Miranda AV, Gyeltshen D, Suleman MH, Chiumia IK, Lowe M, Dorji T, Huang J, Gacutno-Evardone AJ, Lin X, **Dzhusupov K**, et al. Top Ten Public Health Challenges to Track in 2022. *Public Health Challenges*. <https://doi.org/10.1002/puh2.21>
60. Dadar M, Tabibi R, Alamian S, Caraballo-Arias Y, **Dzhusupov KO**, Mrema EJ, et al. Safety concerns and potential hazards of occupational brucellosis in developing countries: a review. *J Public Health (Berl.)* 2022. <https://doi.org/10.1007/s10389-022-01732-0>
61. Azfar Hossain S, **Dzhusupov KO**, Orru H, Nordin S, Nordin M, Orru K. Cardiovascular Disease and Mental Distress Among Ethnic Groups in Kyrgyzstan. *Frontiers in Public Health* 2021; 9:356-66. DOI=10.3389/fpubh.2021.489092
62. **Dzhusupov KO**, Lucero-Prisno III DE, Vishnyakov D, Xu Lin, Ahmadi A. COVID-19 in Kyrgyzstan: Navigating a way out. *J Glob Health* 2021;11:03020. doi: 10.7189/jogh.11.03020
63. Lucero-Prisno III DE, Neyazi A, Ahmadi A, Tabesh O, Afzali H, **Dzhusupov K**, Islam MS, Nugraha RR, Ntacyabukura B, Budhathoki SS, Xu L. Acceptability of COVID-19 vaccination in Herat, Afghanistan. *Razi Intl Med J*. [10.21203/rs.3.rs-852218/v1](https://doi.org/10.21203/rs.3.rs-852218/v1)
64. **Dzhusupov KO**, Toguzbaeva KK, Serik B, Sulaimanova Ch. The State of Higher Education in Occupational Health and Safety in Central Asian Countries. *Annals Global Health*. 2018;84(3): 397-407.
65. Imankulova B, **Dzhusupov KO**. Some Issues of Occupational Health of Health Care Workers in Central Asia (Review). *Annals Global Health*. 2018; 84(3):459-464.
66. Tabibi R, Sukoti M, **Dzhusupov K**. Basic Occupational Health Services for agricultural workers in South Iran. *Annals of Global Health*. 2018;84(3):465-469.
67. **Dzhusupov KO**, Sulaimanova ChT, Aidarov ZA. The thermal condition of miners in the open-cast mines in middle and high mountains in the cold period. *Bulletin of the International University of Kyrgyzstan*. 2018;2(35):326-330. Kyrgyzstan. Russ.
68. **Dzhusupov KO**, Sulaimanova ChT. Issues of Occupational Health and Safety in educational programs of universities of Central Asia. *Bulletin of the International University of Kyrgyzstan*. 2018; 2(35):331-334. Kyrgyzstan. Russ.
69. Jumasheva R, **Dzhusupov K**, Toguzbaeva K. Effects of extract of licorice root on lipid peroxidation system in rats during long-term inhalation of small and large doses of uranium ore dust. *New Armenian Med J*. 2017;11(4):70-78. Armenia.
70. Orakbay L, Aspetov D, Zhumatova B, **Dzhusupov K**, Toguzbaeva K. Study of immunobiological performance activities in chronic pesticide intoxication with metsulfuron-methyl. *New Armenian Med J*. 2017;11(4):87-91. Armenia.
71. Sulaimanova ChT, **Dzhusupov KO**. Department of public health of the International school of medicine in the continuation of the teachings of Professor Akmatbek Aidaraliyev. *Bulletin of the Kyrgyz State Medical Academy*. 2016;5:11-13. https://www.kgma.kg/pdf%20files/Vestnik/2016_Ne5/Sulaymanov_CH.T.pdf. Kyrgyzstan. Russ.
72. Imankulova BN, **Dzhusupov KO**. The effect of the chemical factor of the working environment on the health of medical personnel in the oncological clinic (review). *Bulletin of the Kyrgyz State Medical Academy*. 2016;5:85-91. https://www.kgma.kg/pdf%20files/Vestnik/2016_Ne5/Imankulova_B.N.pdf. Kyrgyzstan. Russ.
73. **Dzhusupov KO**, Colosio C, Tabibi R, Sulaimanova Ch. Occupational health in mountainous Kyrgyzstan. *Annals of Global Health*. 2015; 81(4):530-537.
74. Toguzbaeva KK, Shayakhmetov SSh, Sadvakasova GS, **Dzhusupov KO**, Aydarov ZA. Evaluation of the effectiveness and quality of the work of rural medical ambulance stations. *Bulletin of the Medical Center of the 1st Office of the President of the Republic of Kazakhstan*. 2015; 1:330-335. Kazakhstan. Russ.
75. Toguzbaeva KK, Shayakhmetov SSh, Sadvakasova GS, **Dzhusupov KO**, Aydarov ZA. Ill-health Incidence of rural population of Karasai district of Almaty region. *Bulletin of the Medical Center of the 1st Office of the President of the Republic of Kazakhstan*. 2015; 1:336-340. Kazakhstan. Russ.
76. Toguzbaeva KK, Zhunstayev DT, **Dzhusupov KO**, et al. Integration of medical universities in Central Asia into the International European educational space under the TEMPUS program. *Herald of the KazNMU*. 2014;2(2):338-341. <https://news.kaznmu.kz/wp-content/uploads/2014/06/Vestnik-KazNMU-№-22-2014.pdf>. Kazakhstan. Russ.
77. Toguzbaeva KK, Zhunstayev DT, **Dzhusupov KO**, et al. Hygienic assessment occupational factors of public transport drivers. *Herald of the KazNMU*. 2014;3(1):35-37. <https://kaznmu.kz/press/wp-content/uploads/2012/01/Vestnik-KazNMU-№-31-2014.pdf>. Kazakhstan. Russ.
78. Colosio C, **Dzhusupov K**. Dissemination of Higher Education in Environmental and Occupational Health in Central Asia: the CANERIEH TEMPUS Project // *WHO GOHNET Newsletter* #22, 2013
79. **Dzhusupov KO**, Aidaraliev AA. Promoting innovation in education and public health research in Kyrgyzstan. *Medicine of Kyrgyzstan*. 2013;7:18-21. Kyrgyzstan. Russ.
80. Golka K, **Dzhusupov KO**, et al. Bladder cancer documentation of causes: multilingual questionnaire, bladder cancer doc. *Frontiers in Bioscience E4*. 06/2012; 4(8):2809-22.
81. **Dzhusupov KO**, Aidaraliev AA, Mambetaliev BS. Work Norm-Settings in Conditions of Mountains of Kyrgyzstan. *New Armenian Med J*. 2012; 6(3):75-80. Armenia.
82. Karakushikova AS, Toguzbaeva TT, **Dzhusupov KO**, et al. Characteristics of Almaty city bus drivers' work. *Herald of the KazNMU*. 2012;3(12):227-228. Kazakhstan. Russ.
83. Karakushikova AS, Toguzbaeva TT, **Dzhusupov KO**, et al. Hygienic assessment of the working environment of public bus drivers. *Herald of the KazNMU*. 2012;3(12):229-232. Kazakhstan. Russ.
84. Karakushikova AS, Toguzbaeva TT, **Dzhusupov KO**, et al. Study of the prevalence of morbidity with temporary disability of public bus drivers. *Herald the KazNMU*. 2012;3 (12):233-235. Kazakhstan. Russ.
85. Karakushikova AS, Toguzbaeva TT, **Dzhusupov KO**, et al. Factors and preconditions of Innovation in Healthcare and Medical Research. *Herald of the KazNMU*. 2012;3(12):299-304. Kazakhstan. Russ.
86. **Dzhusupov KO**. Oxygen-transporting systems of Tyan-Shan middle alpine aborigens in the conditions of lowlands.

- Central Asian Medical Journal*. 2009;XV(1):29-34. Kyrgyzstan. Russ.
87. **Dzhusupov KO**. Hygienic assessment of the dust factor in the mining industry of Kyrgyzstan. *Herald of the Kyrgyz-Russian Slavic University*. 2009;9(2):163-167. Kyrgyzstan. Russ.
<https://www.krsu.edu.kg/vestnik/2009/v2/index.html#s6>
 88. **Dzhusupov KO**. Features of gas exchange and workability of mountaineers at middle and high altitude in dependence on adaptation to industrial labour. *Herald of the Kyrgyz-Russian Slavic University*. 2009;9(2):167-172. Kyrgyzstan. Russ.
<https://www.krsu.edu.kg/vestnik/2009/v2/index.html#s6>.
 89. **Dzhusupov KO**. Hemodynamics of mountaineers adapted to heavy loaded industrial labour in middle and high altitude. *Medicine of Kyrgyzstan*. 2009; 4:23-27. Kyrgyzstan. Russ.
 90. **Dzhusupov KO**. Respiratory systems of mountaineers adapted to heavy loaded industrial labour in middle and high altitude. *Medicine of Kyrgyzstan*. 2009; 4:27-29. Kyrgyzstan. Russ.
 91. **Dzhusupov KO**. Age specific responses of miners' body to the workload in high altitude of Kyrgyzstan. *Armenian Medical Sciences*. 2008;XLVIII (2):87-93. Armenia. Russ.
 92. **Dzhusupov KO**. Age characteristics of the reaction of miners to industrial work in the mountains of Kyrgyzstan. *Medical science of Armenia*. 2008;XLVIII(2):87-95. Armenia. Russ. <http://medsci.asj-oa.am/871/>
 93. **Dzhusupov KO**. Some practical issues of rationing the labor of workers in the conditions of the mountains of Kyrgyzstan. *Health and Disease*. 2008;2:29-36. Kazakhstan. Russ.
 94. **Dzhusupov KO**. Characteristics of the circulatory system and external respiration of workers-residents of the middle mountains of Kyrgyzstan. *Health and Disease*. 2008;2:36-43. Kazakhstan. Russ.
 95. **Dzhusupov KO**. Hygienic assessment of dust and gas factors in minings of Kyrgyzstan. *Medicine*. 2008;5(71):85-87. Kazakhstan. Russ.
 96. **Dzhusupov KO**. Hygienic assessment of noise and vibration at minings of Kyrgyzstan. *Medicine*. 2008;5(71):87-91. Kazakhstan. Russ.
 97. **Dzhusupov KO**. Efficiency and Functional Characteristics of Physical Load of Miners in Low-Mountain Conditions. *Bulletin of MANEB*. 2008;13(4-1):193-198. Armenia. Russ.
 98. **Dzhusupov KO**. Some hygienic questions of the organization and mode of labor in the industrial development of high mountain regions. *Bulletin of MANEB*. 2008;13(4-1):198-203. Armenia. Russ.
 99. **Dzhusupov KO**, Mambetaliev BS, Kasymov OT. Oxygen-transporting systems of lowlanders adapted to significant loaded industrial labour in high altitude. *Densaulyk Saktaudy Damitu Magazine*. 2008;2(47):51-58. Kazakhstan. Russ.
 100. **Dzhusupov KO**. Efficiency of oxygen-transporting systems of mountaineers in the process of adaptation to industrial labour in the conditions of shift work in high altitude. *Densaulyk Saktaudy Damitu Magazine*. 2008;2 (47):58-62. Kazakhstan. Russ.
 101. **Dzhusupov KO**. Adaptation to industrial work and aerobic performance of miners performing physical work with varying degrees of severity in mountainous conditions. *Central Asian Medical Journal*. 2008;14(6):511-513. Kazakhstan. Russ.
 102. **Dzhusupov KO**, Mambetaliev BS. Adaptation of miners to physical stress during production activities in the middle mountains of Kyrgyzstan. *Hygiene, epidemiology and immunology*. 2007;4(34):20-24. Kazakhstan. Russ.
 103. **Dzhusupov KO**, Mambetaliev BS. Adaptation of functional systems and the operability of miners to industrial labor in the conditions of the lowlands of Kyrgyzstan. *Hygiene, epidemiology and immunology*. 2007;4(34):24-27. Kazakhstan. Russ.
 104. O'Brien V, **Dzhusupov KO**, Kudaibergenova TA. Public Health challenges in Kyrgyzstan: developing curriculum. *The Int. Electronic Journal of Rural and Remote Health Research, Education, Practice and Policy*, 2005.
 105. Kasymov OT, Mambetaliev BS, Akynbekov KU, **Dzhusupov KO**. Occupational medicine in the mountainous Kyrgyzstan. *Central Asian Medical Journal*. 2003; IX:54-59. Kyrgyzstan. Russ.

Conferences and workshops

Reports at Conferences:

1. ANaMed Forum - New Generation 2025, Asfendiyarov Kazakh National Medical University, Almaty, Kazakhstan, June 4-5, 2025.
2. The VII Central Asian International Conference "Medical Education 4.0: Global Trends and Local Solutions", Karaganda Medical University, Kazakhstan, June 2-3, 2025
3. The II International Forum to Implement WHO Roadmap on Public Health and Emergency Workforce: Competency-based Education, School of Public Health, Zhejiang University, November 4-5, 2024
4. XXIX World Congress of Echinococcosis, Kyrgyz State Medical Academy, Bishkek, Kyrgyzstan, August 28-20, 2023
5. International Congress of Central Eurasian Studies Society. Indiana University, Bloomberg, USA, October 19-22, 2022.
6. International Conference "Doctoral Programs in Public Health and Social Sciences", Yerevan State Medical University, Yerevan, September 12-13, 2022.
7. International Symposium "Health Belt and Road: Life Science Research and Public Health", Fudan University, Shanghai, PRC, November 23-26, 2021.
8. International Conference "Impact of Erasmus Plus projects on CBHE in Kazakhstan", KazNMU, Almaty, Kazakhstan, June 2-3, 2021.
9. International Conference "Current Condition, Issues and Perspectives of Medical Education". Bukhara State Medical Institute. Bukhara, Uzbekistan. April 12, 2018.
10. International Conference "Internationalization of Higher Education". Karaganda State Medical University, Karaganda, Kazakhstan, October 02-03, 2017
11. International Conference "Modern trends of development of world medical education and research". Asfendiyarov Kazakh National Medical University, Almaty, Kazakhstan, December 2-4, 2016
12. International Conference "Central Asian Network for Innovation, Education and Research in Environmental and Occupational Health". International School of Medicine, CANERIEH project. Bishkek, Kyrgyzstan, September 24-25, 2015.

13. International Congress on Rural Health. University of Milan, International Centre for Rural Health, Milan, Italy, September 08-11, 2015
14. International Symposium for One Health Research, Guangzhou, China, November 21-23, 2014.
15. International Conference "Modern trends of development of world medical education and research". Asfendiyarov Kazakh National Medical University, Almaty, Kazakhstan, December 2-4, 2013
16. International Conference "Visions of Globalised World: Collaborative Visual Ethnography, Gender, and Health". Manchester Metropolitan University, Manchester, UK, June 17-21, 2013
17. International Conference «One Health Center for Environmental and Occupational Research/ A GEOHealth Hub for Eastern Europe and Central Asia». Babes Bolyai University, Cluj Napoca, Romania, June 11-14, 2013
18. 1st Kazakhstan International Occupational Safety and Health Conference and Exhibition. KIOSH, Astana, Kazakhstan, April 28-29, 2011.
19. Annual International Conference "Global Social Justice and Environmental Sustainability" Royal Geographical Society, London, UK, August 30 – September 1, 2006.

Forums and workshops organized and attended:

1. Sustainable Populations Health Solutions: Addressing Climate, Environmental, Food, and Issues in Central Asia, International Conference, April 22-23, 2025, International Higher School of Medicine, Bishkek, Kyrgyzstan.
2. Building Educational and Research Capacities in Nutrition and Dietetics in Central Asia (BERNICA Erasmus Plus project, Summer School at the Raduga Center, Issyk-Kul, Kyrgyzstan, June 26-July 06, 2023.
3. Roundtable "The Development of Research Capacities of Kyrgyzstani Academia through PhD Studies", Diplomacy Academy at the Kyrgyz Ministry of Foreign Affairs, Bishkek, Kyrgyzstan, August 28, 2022.
4. The Development of PhD Programs in Kyrgyzstan (DERECKA Erasmus Plus project, Summer School at the Vilnius Gediminas Technical University, Lithuania (May 8-14, 2022), Hamburg University of Applied Sciences, Germany (May 16-22, 2022), Brunel University London, UK (June 19-25, 2022)
5. The Development of PhD system in Kyrgyzstan (DERECKA Erasmus Plus project). Summer school at the Akun hotel, Cholpon-Ata, Kyrgyzstan, August 9-20, 2021.
6. Roundtable "The Challenges in the Development of PhD system in Kyrgyzstan", Bishkek, Kyrgyzstan, April 21, 2021.
7. Strengthening Asian Network in Education, Research and Innovation in Environmental Health. The International Conference, TUTORIAL Erasmus+ project, Bishkek, Kyrgyzstan, April 1-2, 2021.
8. Innovation in Medical Education and Research. The International Conference. The Ak-Maral resort center, Issyk-Kul, Kyrgyzstan, October 16-18, 2019.
9. Innovative teaching and research in Environmental and Occupational Health and Epidemiology (TUTORIAL project). Summer school at the Marco Polo sanatorium, Issyk-Kul, Kyrgyzstan, July 2-13, 2018.
10. Designing blended learning courses (TUTORIAL project). Berlin Institute of Technology, July 17-21, 2017
11. Innovations in Environmental Health (TUTORIAL project). University of Tartu, Estonia, July 10-16, 2017
12. Innovations in Occupational Health and Safety (TUTORIAL project). University of Milano, July 4-10, 2017
13. Development of research-based teaching in Environmental and Occupational Health and Epidemiology. Summer school at the Raduga sanatorium, Issyk-Kul, Kyrgyzstan, July 2-13, 2014.
14. Innovative research methods in Epidemiology (CANERIEH project). Gothenburg University (Gothenburg, Sweden), May 6-10, 2013
15. Innovative research methods in Occupational Health (CANERIEH project). University of Milan (Milan, Italy), April 29 – May 5, 2013
16. Innovative research methods in Environmental Health (CANERIEH project). Tartu University (Tartu, Estonia), April 21-27, 2013
17. Central Asian Network for Innovation, Education and Research in Environmental and Occupational Health (CANERIEH project). University of Milan (Milan, Italy). January 28-29, 2013