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EDUCATION

1981–87 Semey State Medical University

WORK EXPERIENCE

2009 – present	Associate Professor of the Department of Internal Medicine, Semey State Medical University, Semey, Kazakhstan
2013- Present	Associate Professor of the Department of Evidence Based Medicine, Faculty of Postgraduate Education, Semey State Medical University, Semey, Kazakhstan
2009 – Present	Physician, Department of Pulmonology, Semey Emergency Aid Hospital
1992-2009	Senior Scientist, Head of the Department of Epidemiology, Research Institute for Radiation Medicine and Ecology, Semey, Kazakhstan
1987-92	Assistant of the Department of Pharmacology, Semey State Medical University, Semey, Kazakhstan
1988-92	Urgent Care Physician, Semey, Kazakhstan
1992-95	Physician, Department of Endocrinology, Semey Emergency Aid Hospital

CERTIFICATIONS

Diploma in Medicine – 1987

Degree of Candidate (Ph.D) of medical science – 1996 (on the disciplines Hygiene; Endocrinology)

Certified in the Methods of Cancer Epidemiology of Ionizing Radiation – 2004

Certified in Research Methods, Grantsmanship and Academic Writing – 2009

Certified in the organization of research in the field of strategic planning, monitoring and analysis – 2010

Certified in Health Management – 2011, 2015

PUBLICATIONS

1. Grosche B, Lackland DT, Land CE, Simon SL, Apsalikov KN, Pivina LM, Bauer S, Gusev BI. Mortality from cardiovascular diseases in the Semipalatinsk historical cohort, 1960-1999, and its relationship to radiation exposure. *Radiat Res.* 2011 Nov;176(5):660-9. Epub 2011 Jul 25.
2. Mudie NY, Swerdlow AJ, Gusev BI, Schoemaker MJ, Pivina LM, Chsherbakova S, Mansarina A, Bauer S, Jakovlev Y, Apsalikov KN. Twinning in the offspring of parents with chronic radiation exposure from nuclear testing in Kazakhstan. *Radiat Res.* 2010 Jun;173(6):829-36. doi: 10.1667/RR1722.1.
3. Grosche B., Gusev B.I., Bauer S., Pivina LM, Apsalikov K.N. Solid cancer mortality in the Semipalatinsk historical cohort, 1960-1999. 13th Hiroshima International Symposium. 4th Dosimetry Workshop on the Semipalatinsk Nuclear Test Site Area.- 2008.- P.22.
4. Nadejda Y. Mudie, Boris I. Gusev, Ludmila M. Pivina, Minouk J. Schoemaker, Oksana N. Rijinkova, Kazbek N. Apsalikov, and Anthony J. Swerdlow (2007) Sex Ratio in the Offspring of Parents with Chronic Radiation Exposure from Nuclear Testing in Kazakhstan. *Radiation Research: November 2007, Vol. 168, No. 5, pp. 600-607.*
5. Bauer S, Gusev BI, Pivina LM, Apsalikov KN, Grosche B. Esophagus cancer and radiation exposure due to nuclear test fallout: an analysis based on the data of the Semipalatinsk historical cohort, 1960-1999. *Radiatsionnaia Biologiya, Radioecologia.* 2006, 46(5):611-618
6. Susanne Bauer, Boris I. Gusev, Ludmila M. Pivina, Kazbek N. Apsalikov, and Bernd Grosche (2005) Radiation Exposure due to Local Fallout from Soviet Atmospheric Nuclear Weapons Testing in Kazakhstan: Solid Cancer Mortality in the Semipalatinsk Historical Cohort, 1960–1999. *Radiation Research: October 2005, Vol. 164, No. 4, pp. 409-419.*
7. Bauer S., Gusev B., Strelnikov A., Grosche B., Apsalikov K. 40 years of follow-up in the Semipalatinsk cohort study: first results. 15th Conference of the International Society for Environmental Epidemiology. *Epidemiology.*-2003.-09001.- 3.484.
8. B Grosche, C Land, S Bauer, L M Pivina, Z N Abylkassimova, B I Gusev Fallout from nuclear tests: health effects in Kazakhstan. *Biophysik.* 04/2002; 41(1):75-80. DOI:10.1007/s00411-001-0136-1
9. S. Bauer, B. Grosche, B.I.Gusev, L M Pivina., A.Strelnikov, N.N. Kurakina, K.N.Apsalikov. Semipalatinsk historical cohort: causes of death in a study group from settlements adjacent to the Semipalatinsk nuclear test site. *STUK-A 187(2002).*- P. 55-59.
10. Bauer S, Grosche B, Gusev BI, Strelnikov A, Pivina LM, Kurakina NN, et al. Semipalatinsk historical cohort: Causes of death in a study group from settlements adjacent to the Semipalatinsk nuclear test site. In: Lindholm C SS, Makar B, and Baverstock K, editors. Workshop on Dosimetry of the population living in the proximity of the Semipalatinsk atomic weapons test site. Helsinki: Edita Oyi, 2001. p. 62–8.
11. Pivina LM, Maukayeva SB, Zhumadilova ZK, Urazalina ZM, Batenova GB, Kurumbayev RR, Kaskabaeva AS. Evidence based medicine as an instrument for the study of Internal Medicine // *International Journal of Experimental Education.*- 2014.- №2.- P. 22-23
12. Pivina LM, Belikhina TI, Rakhypbekov TK, Grijbovski A. Semey cardiovascular disease registry of the population exposed to radiation from Semipalatinsk nuclear weapons test site, East Kazakhstan.- European Public Health Conference.- Scotland, 19-22 November 2014 – poster presentation.

13. Kerimkulova AS, Rakhypbekov TK, Pivina LM, Veber VR, Grijbovski A. Ethnic and gender differences in the prevalence of overweight and obesity in East Kazakhstan, European Public Health Conference, г. Глазго, 19-22 ноября 2014 – .- Scotland, 19-22 November 2014 – oral presentation.
14. Markabaeva AM, Pivina LM, Kerimkulova AS, Belikhina TI. Genetic predisposition to cardiovascular diseases in the offspring of population exposed to radiation in result of nuclear tests. Joint Meeting of the European Society of Hypertension (ESH) and International Society of Hypertension (ISH) Athens, Greece, June 13-16, 2014 – poster presentation.
15. Markabaeva AM, Belikhina TI, Pivina LM, Kerimkulova AS. Evaluation of nonspecific resistance in the offspring of people exposed to radiation based on the study of vegetative regulation of cardiac activity. Joint Meeting of the European Society of Hypertension (ESH) and International Society of Hypertension (ISH) Athens, Greece, June 13-16, 2014 – poster presentation.
16. Markabaeva AM, Belikhina TI, Pivina LM, Kerimkulova AS. Morbidity and mortality due to cardiovascular diseases in the Kazakhstan population in the late period after radiation exposure. Joint Meeting of the European Society of Hypertension (ESH) and International Society of Hypertension (ISH) Athens, Greece, June 13-16, 2014 – oral presentation.
17. A. Kerimkulova, A. Markabayeva, T. Rakhypbekov, L. Pivina. Diastolic function of the left and right ventricles in hypertensive patients. The Prague European Days of Internal Medicine, Czech Republic. 18.09-20.09. 2014. – poster presentation.
18. Kerimkulova, L. Pivina, T. Belikhina, A. Markabaeva, T. Rakhypbekov, K. Apsalikov. Screening examination of the Kazakhstan population exposed to radiation. The Prague European Days of Internal Medicine, Czech Republic. 18.09-20.09. 2014. – oral presentation
19. A. Markabayeva, A. Kerimkulova, V. Weber, J. Moldagaliyeva, T. Rakhypbekov, L. Pivina. Study of the prevalence of hypertension and risk factors among residents of areas adjoining to the Semipalatinsk nuclear test site // Journal of Hypertension Volume 33, e-Supplement 1, 2015, p. 519
20. NE Glushkova, KZh Baidinova, AR Alimbayeva, ZhZh Toktarova, ZhK Smailova, AA Kassymova, ZhE Musdubayeva, GK Kalimoldina, ZhM Urazalina, LM Pivina, TI Belikhina, KD Turlybekova, ZA Khismetova, AG Kuanysheva, A.K.Akhmetova Effects of long-term radiation exposure to hypertension events in offspring of irradiated parents // Eur J Public Health (2015) 25 (Suppl 3): 175.121
21. NE Glushkova, TK Rakhypbekov, LM Pivina, TI Belikhina et al. Cancer effects in the offspring of the people exposed to radiation in Kazakhstan //European Journal of Public health // Eur J Public Health (2015) 25 (Suppl 3): ckv175.121.
22. NE Glushkova, TK Rakhypbekov, TI Belikhina, LM Pivina, et al. Prevalence of mental disorders in Kazakhstan population exposed to radiation //European Journal of Public health Eur J Public Health (2015) 25 (Suppl 3): ckv175.121.
23. A. Kerimkulova, A. Markabayeva, L. Pivina, D. et al. Distribution of types of cardiac remodeling among hypertensive patients by ethnicity // Journal of Hypertension Volume 33, e-Supplement 1, 2015, p. 166.
24. A. Kerimkulova, A. Markabayeva, L. Pivina, D. et al. Study of the relationship between the indices of overweight and hemodynamic parameters in patients with arterial hypertension // Journal of Hypertension Volume 33, e-Supplement 1, 2015, p. 169-170
25. A. Markabayeva, A. Kerimkulova, L. Pivina, T. Belikhina, et al. Ethnic and gender differences in the prevalence of overweight and obesity in East Kazakhstan // Journal of Hypertension Volume 33, e-Supplement 1, 2015, p. 519

ORGANIZATIONS

Semey State Medical University

Research Institute for Radiation Medicine and Ecology, Semey, Kazakhstan

FELLOWSHIP

I was regularly involved in research activities. I worked actively in several research projects in Kazakhstan as well as in the International epidemiological projects on the assessment of the Radiation health effects in the population of Kazakhstan exposed to radiation due to Nuclear Weapon Tests on the Semipalatinsk Test Site. The main projects for me were: International projects «INCO COPERNICUS» included study the causes of death in the population of Semipalatinsk region for the period from 1949 to 1999 as well as historical cohort study; Evaluation of reproductive health of people living in areas adjacent to Semipalatinsk Test Site in cooperation with the Institute of Cancer Research (UK); Scientific and social national program "Development of science based technologies to minimize the environmental risk for prevention of adverse effects to public health". Current scientific project is "Development of scientific and methodological base for minimizing environmental burden, medical provision, social protection and health status improvement for the population of ecologically unfavorable territories of Kazakhstan"

Clinical – I have been working in the Pulmonology Department of Semey Hospital of Emergency Aid Hospital as a physician.

Teaching – I have been teaching both Kazakhstan and international students from Pakistan and India in the fields of Internal Medicine and Evidence-based Medicine. Also I work in the Faculty of Postgraduate Education as a teacher for PhD students in the field of scientific writing, management of grant application and implementation.