



Independent Expert Consulting Board to Promote Scientific Research Activity in Kazakhstan

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Health BE, Bucharest, June 2010



Independent Expert Consulting Board to Promote Scientific Research Activity in Kazakhstan was created in 2002 with special aim to support Kazakh research community to be involved into the EU Framework programs on RTD.

InExCB-Kz is hosting organization of FP7 NCP in Kazakhstan

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InExCB-Kz is research SME.

Its structure consists of 5 departments: Social Sciences, Food and Agriculture, Space, Information and Nanotechnologies, Life Sciences and Ecosystems, and Health Research.

InExCB-Kz participates in number of the EU FP projects, such as ERA-Central Asia, FP6-INTAS-ININ-NIP-KZ, InJoy&Train, SCOPE-2015, EUROTRUST, INTERLINK, INCONET-EECA, INCONET-CA/SC; EECA-LINK, BIO-CIRCLE.

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The Republic of Kazakhstan is a huge Eurasian country



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Medical science in Kazakhstan

- Scientific and research activity in the field of medicine are provided by 20 research entities (among them 14 scientific-research centers and 6 research institutes) and 6 State Medical Universities.
- 16 research centers renders high professional medical care to population

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Health Research Priorities – 1

- Human genomics
- Molecular, immunological and biochemical tools
- Stem cells therapy
- Biotechnological and phytochemical basis for new drugs synthesis
- Physiological and hygienic aspects of human adaptation to environmental and industrial changes

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Health Research Priorities – 2

- Development of medical science management
- Preventions, diagnosis and treatment of socially significant diseases (drugs and other kind abuses, diabetes mellitus, broncho-pulmonary and cardiovascular pathology, tuberculosis, sexually transmitted diseases and other infectious diseases, oncological pathology).
- Maternal and child health
- Reproductive health
- Neurology and neurosurgery
- Industrial pathology (professional diseases)
- Environmentally depended diseases
- Infrastructure of the healthcare system

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Partner search

2.1.1-3 Large-scale genomics approaches to identify host determinants of infectious diseases

Your partners in Kazakhstan:

1. Institute of Genetics
2. Almaty Medical Academy

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Partner search

2.1.1.-4: Population genetics studies on cardio-metabolic disorders in EU/AC and EECA populations. Single stage.

Your partners in Kazakhstan:

1. Institute of Cardiology and Internal Diseases
2. Institute of Genetics
3. Almaty Medical Academy

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Partner search

- **HEALTH.2011.2.4.3-4: Genetic and environmental factors in obesity and/or diabetes in specific populations. FP7-HEALTH-2011-two-stage**

Your partners in Kazakhstan:

1. Institute of Cardiology and Internal Diseases
2. Institute of Genetics
3. Almaty Medical Academy

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Partner search

2.3.3-1: Identification of factors promoting the emergence of pathogens with human pandemic potential from pathogens with a zoonotic background and related prevention strategies.

Your partners in Kazakhstan:

1. Laboratory of zoonotic diseases of National Agrarian University
2. Institute of Advanced Medicine

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Partner search

2.4.1-1: Investigator-driven treatment trials for rare cancers.

Your partners in Kazakhstan:

1. Semipalatinsk Medical University
2. Semipalatinsk Center of Oncology

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Partner search

2.4.1-2: Translational research on cancers with poor prognosis.

Your partners in Kazakhstan:

1. Semipalatinsk Center of Oncology
2. Institute of Genetics
3. Institute of Oncology and Radiology

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Partner search

2.4.1-3: Epidemiology and aetiology of infection-related cancers.

Your partners in Kazakhstan:

1. Semey Medical University
2. The National Medical Holding

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Partner search

2.4.3-4: Genetic and environmental factors in obesity and/or diabetes in specific populations

ageing; life expectancy; behavioral risk factors; dysbolism; ageing genes polymorphism; immune system

Your partners in Kazakhstan:

1. Institute of Cardiology and Vascular Diseases
2. Almaty Technology University (Nutrition Department)

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Partner search:

3.4-1: Development and assessment of comprehensive and integrated interventions and programmes to improve reproductive health and health equity.

3.4-2: Building sustainable capacity for research for health and its social determinants in low and & middle income countries.

Your partners in Kazakhstan:

1. National Medical Holding
2. National Science Foundation

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- **FP7 Health-2011-2.2.1-3: Addictive and /or compulsive behaviour in children and adolescents: translating pre-clinical results into therapies**
- **Almaty Medical Institute of postgraduate education**

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Thank you for your attention



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