

RESEARCHER / ENTERPRISE

PROFILE FORM FP7 - HEALTH

Date _____

Valid until: _____

CONTACT DETAILS

Research organisation / Enterprise	Scientific research institute of cardiology and Internal diseases
Organisation Name	Scientific research institute of cardiology and Internal diseases
Department	Metabolic syndrome group
Address City Country	050000, The Republic of Kazakhstan, Almaty, str. Aiteke bi, 120
www address	www.ncvb.kz

Researcher / Contact person	Oshakbayev Kuat, MD, PhD
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ORGANISATION TYPE

Research organisation type	Research Organisation	Is your company a Small and Medium Sized Enterprise (SME*)? Number of employees:	YES
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Description of research activity:

Our scientific group interested in studying different mechanisms of development of atherosclerotic process on the basis of comparative studying the physical and chemical structure of a various localization organism tissue lipids with the subsequent development of treatment and prevention.

Former participation in an FP European project?

No

Project title / Acronym:

Activities performed:

EXPERTISE/COMMITMENT OFFERED

Keywords specifying the expertise:

Ontogenetic concept development; atherosclerosis; chemical analysis, lipids; specific chemical groups; infra-red spectrometry; calorific value; differential scanning calorimeter; endogen metabolic intoxication parameters; prognostic criteria; correlations; metabolic and biometric parameters; overweight loss therapy; cost effectiveness therapy; new therapy method and conventional therapy.

Description of the expertise:

Scientific novels:

1. There will be scientifically proved the ontogenetic concept of atherosclerosis development.
2. There has been created and approved high-sensitivity and high-specific diagnostic method of overweight based on definition of a hypodermic

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adiposity (the Patent of the Republic of Kazakhstan №15093 of 11.10.2004).

3. There will be established the element structure of organism lipids in depending on their various localization, function and mechanisms of formation.
4. There will be for the first time revealed the chemical groups and chemical compounds of a various localization organism lipids according to IR-spectrometry.
5. There will be for the first time investigated the calorific value of a various localization lipids according to differential scanning calorimeter in comparative aspect.
6. There will determined the regression prognosis of negative affect of overweight on clinical, biometric, metabolic, biochemical, hormonal, and instrumental parameters in patients with AS.
7. There has been created the diagnostic criteria of an endogen metabolic intoxication (the Patent of the Republic of Kazakhstan №15867 of 04.04.2005.; the Patent of the Republic of Kazakhstan №18583 of 05.05.2007; the Patent of Eurasian patent organization №012207 of 28.08.2009).
8. There has been found out and scientifically proved the phenomenon of occurrence of an endogen metabolic intoxication syndrome at overweight lost therapy (the Patent of Eurasian patent organization, №200702504/26 of 17.04.2007; the Innovative patent of the Republic of Kazakhstan №21295 of 25.03.2009).
9. There will been conducted a comparative research of cost-effectiveness analysis between conventional medicamentous method of AS treatment and a developed new method.

Commitment offered

Research	Demonstration	Training
Technology	Dissemination	Other:

Interested in participation in Project types

<input checked="" type="checkbox"/> Large-scale integrating collaborative project	<input checked="" type="checkbox"/> Small or medium-scale focused research collaborative project	<input checked="" type="checkbox"/> Targeted to SMEs	Other (Marie Curie Actions, ERA-NET...): <input checked="" type="checkbox"/>
<input type="checkbox"/> Coordination and Support Action	<input type="checkbox"/> Network of Excellence	<input type="checkbox"/> Research for the benefit of SMEs	

Call references

HEALTH-2010-single stage

Main Research Topics: [HEALTH.2010.2.2.2-1](#)

EXPECTATIONS

Term commitment

<input type="checkbox"/> Short (< 1 year)	<input checked="" type="checkbox"/> Medium (1 to 3 years)	<input type="checkbox"/> Long (more than 3 years)
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Expected results for your organisation:

Valuable collaborations and scientific exchange

I agree with the publication of my contact data: YES NO

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