



Research from Academia and Industry - Profile form

ORGANISATION
LOGO

Date	2009	June	Valid until:	2013	December
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CONTACT DETAILS

Organisation Name (full name)	Scientific and Production Company ANTIGEN LLP	<u>Contact person:</u>		
Organisation acronym (Abbreviation)	ANTIGEN LLP	Title	Professor	
Address	4, Azerbayev Street, selo Abay, Karasay District, Almaty Oblast, Kazakhstan	First Name	Nurlan	
Postal code	040905	Family Name	Akhmetsadykov	
City	Almaty	Telephone	+7 701 729 01 75 +7 (727) 3 80 00 14	
Country	--Kazakhstan	Fax	+7 (727)261 62 60	
www address		E-mail	a_nurlan@nursat.kz	

ORGANISATION TYPE

Organisation type	Company (Private <input checked="" type="checkbox"/> Public <input type="checkbox"/>)	Is your Company a Small-Medium sized Enterprise (SME)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<input type="checkbox"/> Other	if YES, Number of Employees	<input type="checkbox"/> < 10 <input checked="" type="checkbox"/> > 10 and < 50 <input type="checkbox"/> < 250

According to Article 2 of the annex of Commission Recommendation 2003/361/EC of 6 May 2003, which applies from 01 January 2005, an SME (Micro, Small or Medium-sized Enterprise) is an enterprise which:

- has fewer than 250 employees,
- has an annual turnover not exceeding 50 million euro, and/or
- an annual balance-sheet total not exceeding 43 million euro.

http://europa.eu.int/comm/enterprise/enterprise_policy/sme_definition/index_en.htm

Owned by a non SME:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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Description of the organisation (max 1.000 characters):

Research Organisation type	Research Organisation (Private <input checked="" type="checkbox"/> Public <input type="checkbox"/>)
	High Education School / University / Institute (Private <input type="checkbox"/> Public <input type="checkbox"/>)
	<input type="checkbox"/> Other, please specify:

BIO CIRCLE

Funded by the European Commission



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Description of the organisation (max 1.000 characters):

Research-and-production enterprise "Antigen" Ltd was established in 1998. Antigen Ltd has the Certificate of ST RK ISO 9001:2001.

Scientific and Production activities of the Company

1. Developing and production of diagnostic, healing and prophylactic and anti-parasitic medicals against the infectious diseases of agricultural animals.
2. Developing the normative documents of the safety requirements of the national products of camel milk, eggs and eggs products, honey and apiculture products and certification of food products.
3. Studying the human stem cells and establishing the bank of stem cells of cord blood and marrow.
4. Race animal production, creation and keeping the race herds of sheep of Kazakhstan.
5. Issuing and distribution of scientific-informative journal "Veterinary", making the training for veterinary specialists.



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EXPERTISE/COMMITMENT OFFERED

<p>Description of the expertise (max 2.000 characters)</p>	<p>Research-and-production enterprise "Antigen" Ltd has developed and produces diagnostic and healing and prophylactic medicals against the Anthrax, Brucellosis, emphysematous carbuncle, Bradsot and infectious enterotoxemia, pigs erysipelas, Lysteriosis, rabies, clamidiosis of agricultural animals, antigelmintics of wide action range.</p> <p>In food safety there are projects as follows: "Improving the technology and developing the normative documents of the national products of camel milk according to FAO and FIL/IDF standards". Developing the technical regulations "Requirements to safety of eggs and egg products", "Requirements to safety of honey and apiculture products" by the grants of Ministry of Agriculture of RK and World Bank of Development.</p> <p>Studying the human stem cells in frames of the project "Development the technology of separation, cultivating and cryoconservation of stem cells for correction of the lost functions of organs and tissues", 2006-2008 (Grant of NCB of RK).</p> <p>Keeping the high productive races of sheep of Kazakhstan.</p> <p>Knowledge distribution: Issuing and distribution of scientific-informative journal "Veterinary", 2008-2009, "Organisation of the training for veterinary specialists on action against the animal Brucellosis according to requirements of International Epizootic Bureau with the grants of Ministry of Agriculture and World Bank of Development.</p>				
<p>Keywords describing the expertise offered (if needed more than one)</p>	<p>Sustainable production and management of biological resources from land, forest and aquatic environments::</p> <table border="1"> <tr> <td data-bbox="531 1328 1018 1608"> <input type="checkbox"/> Biological resources <input type="checkbox"/> Biodiversity <input checked="" type="checkbox"/> Genomics/Proteomics/Metabolomics <input type="checkbox"/> Bioinformatics <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Forestry <input type="checkbox"/> Fisheries <input type="checkbox"/> Aquaculture <input type="checkbox"/> Horticulture </td> <td data-bbox="1018 1328 1477 1608"> <input type="checkbox"/> Novel feeds <input type="checkbox"/> Novel plants <input type="checkbox"/> Plant Health <input checked="" type="checkbox"/> Animal Production and Welfare <input checked="" type="checkbox"/> Animal husbandry <input checked="" type="checkbox"/> Vaccines and Diagnostics <input type="checkbox"/> Organic production methods <input type="checkbox"/> Dairy Production <input type="checkbox"/> Tracking and tracing </td> </tr> </table> <p>Fork to Farm: Food, health and well being</p> <table border="1"> <tr> <td data-bbox="531 1666 1018 1946"> <input type="checkbox"/> Consumer behaviour <input type="checkbox"/> Functional Food <input checked="" type="checkbox"/> Nutrition Science <input type="checkbox"/> Physiology <input checked="" type="checkbox"/> Food Technology <input type="checkbox"/> Food Processing <input type="checkbox"/> Packaging <input type="checkbox"/> Food safety </td> <td data-bbox="1018 1666 1477 1946"> <input type="checkbox"/> Potable/Safe Drinking Water <input type="checkbox"/> Animal Feed <input type="checkbox"/> Chemical Food Safety <input checked="" type="checkbox"/> Microbiological Food Safety <input type="checkbox"/> New detection methods <input type="checkbox"/> Risk Assessment <input type="checkbox"/> Food Chain Analysis/Management <input checked="" type="checkbox"/> Pesticide/BioActive Additives/Substances Control </td> </tr> </table> <p>Life sciences and biotechnology for sustainable non-food products and processes</p>	<input type="checkbox"/> Biological resources <input type="checkbox"/> Biodiversity <input checked="" type="checkbox"/> Genomics/Proteomics/Metabolomics <input type="checkbox"/> Bioinformatics <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Forestry <input type="checkbox"/> Fisheries <input type="checkbox"/> Aquaculture <input type="checkbox"/> Horticulture	<input type="checkbox"/> Novel feeds <input type="checkbox"/> Novel plants <input type="checkbox"/> Plant Health <input checked="" type="checkbox"/> Animal Production and Welfare <input checked="" type="checkbox"/> Animal husbandry <input checked="" type="checkbox"/> Vaccines and Diagnostics <input type="checkbox"/> Organic production methods <input type="checkbox"/> Dairy Production <input type="checkbox"/> Tracking and tracing	<input type="checkbox"/> Consumer behaviour <input type="checkbox"/> Functional Food <input checked="" type="checkbox"/> Nutrition Science <input type="checkbox"/> Physiology <input checked="" type="checkbox"/> Food Technology <input type="checkbox"/> Food Processing <input type="checkbox"/> Packaging <input type="checkbox"/> Food safety	<input type="checkbox"/> Potable/Safe Drinking Water <input type="checkbox"/> Animal Feed <input type="checkbox"/> Chemical Food Safety <input checked="" type="checkbox"/> Microbiological Food Safety <input type="checkbox"/> New detection methods <input type="checkbox"/> Risk Assessment <input type="checkbox"/> Food Chain Analysis/Management <input checked="" type="checkbox"/> Pesticide/BioActive Additives/Substances Control
<input type="checkbox"/> Biological resources <input type="checkbox"/> Biodiversity <input checked="" type="checkbox"/> Genomics/Proteomics/Metabolomics <input type="checkbox"/> Bioinformatics <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Forestry <input type="checkbox"/> Fisheries <input type="checkbox"/> Aquaculture <input type="checkbox"/> Horticulture	<input type="checkbox"/> Novel feeds <input type="checkbox"/> Novel plants <input type="checkbox"/> Plant Health <input checked="" type="checkbox"/> Animal Production and Welfare <input checked="" type="checkbox"/> Animal husbandry <input checked="" type="checkbox"/> Vaccines and Diagnostics <input type="checkbox"/> Organic production methods <input type="checkbox"/> Dairy Production <input type="checkbox"/> Tracking and tracing				
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<input type="checkbox"/> Biomass production <input type="checkbox"/> Bio-products <input type="checkbox"/> Bio-refinery <input type="checkbox"/> Bio-processes <input type="checkbox"/> Fibres (Wool, cotton, novel-bio-fibres)	<input type="checkbox"/> Wood-production <input type="checkbox"/> Pollution <input type="checkbox"/> Ecology <input type="checkbox"/> Waste Processing
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EXPECTATIONS (from the participation in a European research project)

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)
Commitment offered	<input checked="" type="checkbox"/> Research <input type="checkbox"/> Demonstration <input type="checkbox"/> Training <input checked="" type="checkbox"/> Technology <input type="checkbox"/> Dissemination <input type="checkbox"/> Other:
Expected results for your organisation (max 500 characters) (describe your project idea or your role in a research project)	Research-and-production enterprise "Antigen" Ltd wanted to participate in 7 th Frame International Program in the following ways: - developing and implementation of cell therapy by the stem cells for curing the diabetes, liver and heart insufficiency with pre-clinic and clinic tests. Developing the systems of bone marrow and cord blood stem cells separation into hepatocytes, β -cells and cardiomyocytes. International registration of lines of human stem cells.

INTERNATIONAL COOPERATION

Former participation in National initiatives or projects?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Former participation in International research projects??	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Former participation in European projects?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If YES: Programme name: Project title / Acronym: Activities performed:	> > >
Knowledge on the European Framework Programme on Research and Development (FP)? (The European funding programme of research)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Interested in participating in 7th FP (2007-2013)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Interested in receiving training on 7th FP issues?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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Expected skills from this collaboration?	Carrying out the scientific researches on high international level
Main difficulties and constraints to participate in European projects?	Lack of international cooperation experience
Additional comments	We have an extensive experience of separating, cultivating and cryo-conservation of stem cells of bone marrow and cord blood it has been established the low-temperature bank of stem cells of bone marrow and cord blood

I agree with the publication of my data!
Please fill-in in English and return to: