

## **German Ministry of Education and Research, BMBF, fosters Cooperation with Latin-America**

Science and research are indispensable to meet the global challenges of today. Due to the rapidly growing international integration process, the significance of international cooperation in research and development is increasing continuously. The Federal Republic of Germany has reacted to these challenges by elaborating a strategy for internationalisation. One of the main measures of this strategy is the promotion of Germany as a place to study, research and innovate.

In this context, the Federal Ministry of Education and Research, BMBF, is inviting for the second time in succession Latin-American researchers to the BIOTECHNICA-Fair. In the frame of this important international exhibition for Biotechnology, BMBF wants to present Germany's performance and efficiency in research and development to the Latin-American guests.

Another important keystone of the internationalisation strategy are the so-called „International Years of Science“: In this context, BMBF and the Brazilian government initiated in April 2010 the „German-Brazilian Year of Science, Technology and Innovation“ ([www.ano-brasil-alemanha.org](http://www.ano-brasil-alemanha.org)). From April 2010 until April 2011 a great number of events are taking place in order to demonstrate the active bilateral cooperation and to find sustainable and innovative solutions for current challenges.

Regarding the identification of researchers in Mexico and intensifying bilateral networking, BMBF cooperates with the AL INVEST IV-Programme of the European Commission, which was initiated in 2009 to foster the internationalisation of SMEs in Latin-America (see below p. 26).

The mentioned activities are supported by the International Bureau of the BMBF, which offers a wide range of activities to universities, research institutes and research-oriented enterprises. For further information: [www.bmbf.de](http://www.bmbf.de) and <http://www.internationales-buero.de/en>.

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**Country:** Argentine

**Institute:**  
Fundación Crimson

**Address:**  
Manzanares 2131 Piso 2 Depto C  
Ciudad Autónoma de Buenos Aires  
C1429CUE, Argentine

**Contact:** Miguel Velardez

**Telephone:** +54 11 47049208

**Website:** [www.fundacioncrimson.org](http://www.fundacioncrimson.org)

**Email:** [info@fundacioncrimson.org](mailto:info@fundacioncrimson.org)

**Description of the Institution:**

Fundación Crimson is a non-profit organization established in Argentine in 2006 to foster the excellence in education, science, and technology. In less than 5 years, it has become internationally recognized for its world-class training programs on cutting-edge technologies. Fundación Crimson aims at contributing to the use of scientific and technological innovations for the advance of society, and strives to support a new generation of leaders who will be able to respond to society's needs with ethically sound research.

**Expectations, cooperation- and internationalisation wishes:**

Fundación Crimson expects to identify common goals with public and private German institutions that might be achieved through international programs in education, science, and innovation in collaboration with Argentine institutions. We envision a growing number of academic and business ties between Argentine and Germany in the field of biotechnology, and Fundación Crimson expects to play a leading role in achieving this objective.

**Country:** Argentina

**Institute:**  
INIS BIOTECH-Fundación Instituto Leloir

**Contact:** Mariana Berenstein

**Address:**  
Ramos Mejia 1018

**Telephone:** +54 11 52387500  
**Website:** [www.inis-biotech.com.ar](http://www.inis-biotech.com.ar)  
**Email:** [mberenstein@inis-biotech.com.ar](mailto:mberenstein@inis-biotech.com.ar)

**Description of the Institution:**

Inis Biotech is the technology transfer arm of one of the leading bioscience research institutions in Argentina and Latin-America (Fundacion Instituto Leloir-FIL) and represents the marketing and commercialization of all the intellectual property from FIL and CONICET (National Scientific and Research Council). Recognized as a technology transfer leader in Argentina for the biotech sector, it also manages the bioincubator of Fundación Instituto Leloir (CeDeBiO-Centre of Biotechnological development) recently opened in 2009.

**Expectations, cooperation- and internationalisation wishes:**

Inis Biotech expects Biotechnica to help identifying potential partners, improving research collaborations, and promote Technologies, expertise and start-ups investment not only for our institution, but also for other local partners and biotech sector in general. It would also allow to increase networking benchmarking and learning on the field of technology transfer, biobusiness and bioincubation/biocluster development and management.

**Country:** Brazil

**Institute:**

Drug Research and Development  
Center (CPDM) of  
Federal University of Ceará (UFC)

**Address:**

Rua Coronel Nunes de Melo 1127  
Caixa Postal 3219, 60431-970 Fortaleza –  
Ceara

**Contact:** Prof. Manoel Odorico Moraes Filho  
Profa. Claudia do Ó Pessoa

**Telephone:** +55 95 99893459

**Website:** <http://www.ufc.br>

**Email:** odorico@ufc.br ; cpessoa@ufc.br

**Description of the Institution:**

Drug research and development is a multiple step process by which potential molecules are discovered or designed and submitted to safety and efficacy preclinical and clinical tests before going to the market. The CPDM an independent academic institution at Federal University of Ceara that works in a vertical integration, participating in the all process of drug discovery and development in straight collaborations with national and transnational drug companies, brings together the perspectives of government, industry and academia interactions. The CPDM facility congregates four units: medicinal chemistry, preclinical pharmacology and toxicology, drug formulation and quality control, and clinical pharmacology. Our expertise involves prospection of bioactive molecules of the Brazilian biodiversity, bioavailability studies of generics, preclinical and clinical essays with medicines especially phytomedicines and clinical trails.

**Expectations, cooperation and internationalisation wishes:**

We expect to establish research and work collaborations with universities, research centers and drug companies in the field of drug research and development, and prospection of new bioactive molecules in the Brazilian biodiversity.

**Country:** Brazil

**Institute:**

Federal University of Health Sciences of  
Porto Alegre (UFCSPA)

**Contact:** João Antonio Pêgas Henriques

**Telephone:** +55 (51) 3303-9000

**Website:** <http://www.ufcspa.edu.br/>

**Email:** pegas@cbiot.ufrgs.br

**Address:**

Rua Sarmiento Leite, 245 - Porto Alegre, Rio  
Grande do Sul, Brasil - CEP 90050-170

**Description of the Institution:**

The Federal University of Health Sciences of Porto Alegre (UFCSPA) is a Federal Institution of Higher Education, active since March 1961. The UFCSPA has eight undergraduate courses, six post-graduate studies, 11 graduate programs and 39 broadly and areas of expertise in medical residency. Example of excellence in education, the university teaches the following topics: Biomedicine, Nursing, Pharmacy, Physiotherapy, Speech Therapy, Medicine, Nutrition, Psychology

**Expectations, cooperation- and internationalisation wishes:**

Fostering of cooperation in the field of genetic toxicology, pharmacology and cellular and molecular toxicology. The practice areas include DNA repair in several organisms, with emphasis on yeast and mammalian cells, homeostasis of metals in yeast, genetic toxicity in new fields of natural and synthetic molecules with potential pharmacodynamic, environmental monitoring and occupational risk and biotechnology development. Main current research involves the investigation of proteins involved in repair of DNA interstrand bridges and molecular mechanisms of repair of DNA damage generated by new anticancer drugs. Assessment of the genotoxic potential of pesticides, pharmaceuticals and environmental samples.

**Country:** Brazil

**Institute:**

ICB, Institute of Biomedical Sciences  
University of São Paulo

**Contact:** Profa. Elisabete José Vincente

**Telephone:** +55 (11) 8225 9138

**Website:** <http://www3.icb.usp.br/>

**Email:** bevicent@usp.br

**Address:**

Institute of Biomedical Sciences - Avenida  
Prof. Lineu Prestes - São Paulo - SP - CEP  
05508-900 Lineu Prestes - São Paulo - SP -  
CEP 05508-900

**Description of the Institution:**

The ICB, Institute of Biomedical Sciences, was created during the university reform of 1969, unifying the majority of the departments of basic health care units. The Institute is dedicated to teaching and research in key areas of health, such as Anatomy, Pharmacology, Physiology and Biophysics, Histology and Embryology, Immunology, Microbiology and Parasitology.

**Expectations, cooperation- and internationalisation wishes:**

The ICB-USP is interested in fostering cooperation on the following topics

- Bioremediation
- Processing of bio methane, bio ethanol and other biofuel
- Surfaces of cell cultures

**Country:** Brazil

**Institute:**

Institute of Chemistry – University of Sao Paulo

**Address:**

Av. Prof. Lineu Prestes  
748 - Butantã - São Paulo – SP

**Contact:** Dr. Vitor Renaux Hering

**Telephone:** +55 11 83355536

**Website:** [www.iq.usp.br](http://www.iq.usp.br)

**Email:** [vrhering@uol.com.br](mailto:vrhering@uol.com.br)

**Description of the Institution:**

The Department of Biochemistry at the Institute of Chemistry, University of São Paulo has 38 full time, doctoral level, faculty members dedicated to cutting-edge research in Biochemistry and Molecular Biology. Studies are conducted in state-of-the-art laboratories, and involve the participation of 57 undergraduate students, 131 graduate students, 36 research assistants and 32 post-doctoral fellows.

**Expectations, cooperation- and internationalisation wishes:**

As my research is focused on the development of an immunosensor for quantification of LDL (electronegative low density lipoprotein) in the human serum, my wish would relate to finding research groups with expertise in antibody characterization or in the follow up of atherosclerosis markers.

**Country:** Brazil

**Institute:**

Laboratory of Manipulation of Oocytes and Preantral Follicles – LAMOFOPA; Faculty of Veterinary, State University of Ceará

**Contact:** Ana Paula Ribeiro Rodrigues Damasceno, Profa. Adjunta, Prof. José Ricardo de Figueiredo, Prof. Adjunto

**Address:** 1700, Paranjana avenue, 60 740-000, Fortaleza, Ceará, Brazil

**Telephone:** + 55 85 3101 9852 or 8883 0980

**Email:** aprrodrigues@pq.cnpq.br

**Website:** <http://lamofopa.com.br/>

**Description of the Institution:**

The LAMOFOPA, an expert in the manipulation (isolation, cultivation and conservation) of preantral follicles in vitro, was founded in 1995 by Prof. José Ricardo de Figueiredo in the Faculty of Veterinary Medicine (FAVET) State University of Ceará (UECE). Currently, the institute deals with the development of the technique of artificial ovary which together with the techniques of cryopreservation (slow freezing and vitrification) are the main subjects of study.

**Expectations, cooperation- and internationalisation wishes:**

We hope to collaborate with German Institutes and researchers who might be interested in our line of research (artificial ovary cryopreservation). We still hope to establish exchange among researchers and students from both countries.

**Country:** Brazil

**Institute:**

National Laboratory of Science and  
Technology of Bioethanol – CTBE

**Address:**

Rua Guiseppe Maximo Solfaro  
10.000 Campinas, SP, Brazil,  
PO BOX 6170 CEP 13083-970

**Contact:** José G.C. Pradella

**Telephone:** +55 19 3518 3124.

**Website:** [www.bioetanol.org.br](http://www.bioetanol.org.br)

**Email:** [jpradella@bioetanol.org.br](mailto:jpradella@bioetanol.org.br)

**Description of the Institution:**

The CTBE is a young laboratory sponsored by the Brazilian government and private companies aiming to develop technologies for lignocellulose bioethanol and biorefinary bioproducts from sugar cane and others crops.

**Expectations, cooperation- and internationalisation wishes:**

Expectation of cooperation for main research areas: microbioreactors and devices for high-through-put screening of microorganism and enzymes; microbial genetic engineering for pentose ethanol fermentation and cellulase/hemicellulase enzyme complex biosynthesis; new sensors for bioreactor on-line monitoring; advanced bioreactor design for enzymatic hydrolysis.

**Country:** Chile

**Institute:**

Biochemical Engineering School (EIB)  
Biotechnological Nucleus of Curauma (NBC)  
Catholic Pontificia University of Valparaiso

**Contact:** Gonzalo Ruiz-Filippi

**Telephone:** + 56 32 2273824

**Website:** [www.eib.ucv.cl](http://www.eib.ucv.cl) and  
[www.nbcpucv.cl](http://www.nbcpucv.cl)

**Email:** [gonzalo.ruiz@ucv.cl](mailto:gonzalo.ruiz@ucv.cl)

**Address:**

General Cruz 34  
Valparaiso - Chile

**Description of the Institution:**

Biochemical Engineering School has more than 40 years of undergraduate and graduate activity including research in the frame of fermentation, enzymes engineering, environmental engineering, biofuels, among other.

Productive research is done through the NBC (Núcleo de Biotecnología Curauma) where research contracts for Chilean and other countries are developed.

**Expectations, cooperation- and internationalisation wishes:**

Find research tendencies, meet SMEs companies and find possibilities to collaborate. At the same time I am the Chilean NCP for FAFB, so promotion of Chilean participation in 7PM projects is also wished.

**Country:** Chile

**Institute :**

Department of Biology, Faculty of Sciences  
University of Chile

**Contact:** Michael Handford

**Telephone:** +56-2-9787263

**Website:** [www.uchile.cl](http://www.uchile.cl)

**Email:** [mhandford@uchile.cl](mailto:mhandford@uchile.cl)

**Address:**

Las Palmeras 3425, Ñuñoa  
Santiago

**Description of the Institution:**

The U Chile is the oldest higher education institution in Chile (1842). Generating, developing, integrating and communicating knowledge in all areas are the mission and basis of the activities of the University. It is a public university with international quality and is at the top of the Chilean university system with regard to teaching, research, creation and outreach, 9<sup>th</sup> in Latin America (SCImago, 2010) and in the top 500 worldwide (U Shanghai Jiao Tong).

**Expectations, cooperation- and internationalisation wishes:**

The expectations of the U-Chile in terms of internationalisation include the strengthening and promotion of academic and work links with prestigious global institutions in the areas of teaching, research and development. This has led to the establishment of official cooperation programs with over 20 German Universities and Institutes and the aim is to develop further of these valuable ties.

**Country:** Chile

**Institute:**  
Fraunhofer Chile Research (FCR)

**Contact:** Juana M. Castañeda, Scientific  
Coordinator

**Provisional Address:**  
Av. El Bosque Norte 0440 Of.601,  
Santiago, Chile

**Telephone:** Provisional numbers  
+56-2 203 5320. Ext -24  
**Fax:** +56-2 203 5325  
**Email:** jcastaneda@camchal.cl

**Description of the Institution:**

The Fraunhofer Chile Research (FCR) Institute is a Research Centre shaped through the collaboration between the Fraunhofer Gesellschaft (represented by the Fraunhofer IME) and three outstanding Chilean institutions. Currently, the FCR is in its installation phase and will develop enabling technologies under the umbrella of a Systems-Biotechnology platform, applying them in key business areas, in particular: aquaculture, agriculture, Bio-energy, Mining and Human Health.

**Expectations, cooperation- and internationalisation wishes:**

1. Disseminate the existence of our Research Center and start the establishment of solid and relevant international networks.
2. Complement existing local capacities and start possible collaboration efforts on innovation and knowledge management related to the topics of our research.
3. Begin to facilitate the transfer and commercialization of results and products obtained through our future applied investigation.

**Country:** Chile

**Institute:**

Núcleo Biotecnología Curauma de la  
Pontificia Universidad Católica de  
Valparaíso

**Contact:** María del Carmen Espinal  
Amarante

**Telephone:** +56 32 2274829

**Website:** [www.nbcpucv.cl](http://www.nbcpucv.cl) [www.pucv.cl](http://www.pucv.cl)

**Email:** [mespinal@nbcpucv.cl](mailto:mespinal@nbcpucv.cl)

**Address:**

Av. Universidad 330, Curauma. Valparaíso  
Chile

**Description of the Institution:**

The Núcleo Biotecnología Curauma (NBC) arose from the need to develop and carry out innovative activities to cope with new ecological, technological, social and economic challenges in Chile. The main objective of the Núcleo Biotecnología Curauma is to be a support for Chilean companies to develop and undertake innovative activities to meet new environmental challenges, technological, social and economic debates, through our team of academics, researcher and professionals.

**Expectations, cooperation- and internationalisation wishes:**

- To have access to the latest technological advances in terms of biotechnology
- Meet and establish business links with international companies that develop their activities in the fields of biotechnology
- Contact suppliers in order to develop joint projects

**Country:** Colombia

**Institute :**  
Corporación Biotec

**Address:**  
Sede CIAT  
Km. 17 Vía Cali- Palmira

**Contact:** Myriam Sánchez M

**Telephone:** 00 57 2 4450114

**Website:** <http://biotec.univalle.edu.co>

**Email:** myriams@cgiar.org

**Description of the Institution:**

Corporación Biotec is a private, not-profit entity, created within the framework of the science, technology and innovation law of Colombia, constituted by initiative of the of the Universidad del Valle in February 1995, with the participation of 35 partners from the academic, governmental, private enterprises and civil sectors. Its mission is to develop and apply microbial and vegetal biotechnologies to contribute to the optimization of the bioindustrial productive chains of the western Colombia.

**Expectations, cooperation- and internationalisation wishes:**

Corporacion Biotec has promoted a Bioregion strategy in Valle del Cauca region in Colombia. Our main interest is to follow the German experience with the bioregions strategy and to collaborate with some of them. Bio Valley region is within our interests, and we have the interest in bringing a Colombian mission to Germany and to develop alliances with German research and development organizations.

**Country:** Colombia

**Institute:**

Group of Agro-industry Researches (GRAIN)  
Universidad Pontificia Bolivariana (UPB).

**Contact:** Carlos Augusto Hincapié Llanos

**Telephone:** 0057-3006090621

**Website:** <http://www.upb.edu.co/>

**Email:** carlos.hincapie@upb.edu.co

Carlos.hincapiellanos@correo.upb.edu.co

**Address:**

Circular Primera # 70-01 Medellin,  
Colombia, South America

**Description of the Institution:**

GRAIN works in the search of new products, raw materials and technologies for food industry, nutrition, pharmaceutical, agriculture, and cosmetic sectors, among others. Also, we research in separation methods and biological activities (antioxidant, insecticidal, enzyme inhibition, bactericidal, fungicidal and phytotoxic, among others) of compounds from natural sources. UPB is one of the most important Universities of Colombia.

**Expectations, cooperation- and internationalisation wishes:**

We want to establish cooperation networks with Universities, Institutes and Companies to research new products development and academic interchanges. Also, we want to know new technologies and products in the interest fields of GRAIN (See above). We want to identify new analytical, chemistry and life science products and equipments, and suppliers for them.

**Country:** Colombia

**Institute :**  
International Center For Tropical Agriculture

**Address:**  
Km 17 recta Cali-Palmira

**Contact:** Gerardo Gallego S.

**Telephone:** 57-2-4450000 ext 3194

**Website:** [www.ciat.cgiar.org](http://www.ciat.cgiar.org)

**Email:** [g.gallego@cgiar.org](mailto:g.gallego@cgiar.org)

**Description of the Institution:**

CIAT is an agricultural research institution. We focus on scientific solutions to hunger in the tropics. CIAT is also about partnerships. By working together with likeminded organizations we ensure we have a far-reaching and long-lasting impact. CIAT is a leading not-for-profit organization and we have been helping smallholders grow more food and earn more money for 40 years. Established in 1970, CIAT now works in more than 50 countries worldwide.

**Expectations, cooperation- and internationalisation wishes:**

CIAT expects to find innovative solutions from biotechnology for the solution of agricultural problems that benefit small farmers mainly. Also expected to have contact with companies in the private and public sector willing to invest in joint research with impact on agriculture, agribusiness and strengthen enabling new generations of researchers in the agricultural sector in Latin America and the Caribbean.

**Country:** Mexico

**Institute :**

Autonomous University of Morelos / Centre  
of Research in Biotechnology

**Address:** Cuernavaca Morelos  
Av. University 1001. Chamilpa.  
México C.P 62209.

**Contact:** Anabel Ortíz Caltempa

**Telephone:** +52 777 3 29 70 57  
+52 777 3 29 70 30

**Website:** [www.uaem.mx](http://www.uaem.mx)

**Email:** [anabel@uaem.mx](mailto:anabel@uaem.mx)

**Description of the Institution:**

It is a governmental university that provides education to the public sector in various areas of science and technology and carries out research and development activities in Biotechnology, management, medicine, nutrition etc.

**Expectations, cooperation- and internationalisation wishes:**

Developing various international collaborations in many countries, in various areas of science and technology and carry out research and development activities in Biotechnology.

**Country: Mexico**

**Institute:**

Centre for Investigation and Assistance in  
Technology and Design from Jalisco State,  
A.C.

**Contact:** Diana Alonso Segura, PHD.

**Telephone:** +52 3345 5200, ext. 1990

**Website:** [www.ciatej.net.mx](http://www.ciatej.net.mx)

**Email:** [dalonso@ciatej.net.mx](mailto:dalonso@ciatej.net.mx)

**Address:**

Av. Normalistas, 800. Colonia Colinas de la  
Normal, Guadalajara, Jalisco.  
CP. 44270, México.

**Description of the Institution:**

CIATEJ is a public research institute that provides its expertise and assistance to the national industry as well as to other public institutes for helping them to solve technical problems and to develop innovative products and technology for agriculture, health and environmental fields.

**Expectations, cooperation- and internationalisation wishes:**

CIATEJ is interested in establishing business and research partnerships with European Companies, Research Centres and Universities working in biotechnology. We can contribute not only with our technology, but also with an extended relational capital built during the last 34 years. We are also interested in sharing experiences on the subjects of business development and technology transfer built around the business of biotechnology and its application in diverse industries, from agriculture to food and drinks, to human and veterinary pharmaceuticals, as well as the environment.

**Country:** Mexico

**Company:** CIATEC, A.C.

**Address:**

Calle Omega No. 201  
Fracc. Industrial Delta  
León, Guanajuato

**Contact:** Ricardo Guerra,  
PhD. Research Director

**Telephone:** 00-52-477-7100011

**Website:** [www.ciatec.mx](http://www.ciatec.mx)

**Email:** [rguerra@ciatec.mx](mailto:rguerra@ciatec.mx)

**Description of the Institution:**

CIATEC, is an Institution dedicated to technology research and innovation in the following fields: Environmental Sciences and Engineering, Biomechanics, Materials Sciences and Engineering, Leather Tannery and Footwear.

The Center for Applied Innovation on Competitive Technologies was founded on August 12th, 1976, with the aim of supplying technological services to the leather and footwear industries. Actually, this public center has many scientific and technological relationships with private and public enterprises and institutions in Mexico and other countries in the world. CIATEC is part of the CONACYT Public Research Centers Network, that encompasses the efforts of 5,000 researchers, working in projects in most knowledge areas.

**Expectations, cooperation- and internationalisation wishes:**

We wish to establish relationships with institutions and partners interested in projects concern with:

- 1) Environmental Sciences and Engineering related to water treatment, soil hydrocarbon remediation, wastes management, industrial security and toxicology.
- 2) Biomechanics, related to footwear comfort, prosthesis, and specialized shoes.
- 3) Materials sciences and engineering concern with recycle materials and wastes, processed and formulations of new materials.
- 4) Institutional exchanges with German universities and research centers.

**Country:** Mexico

**Institute:**

Interdisciplinary Professional Unit of  
Biotechnology

**Address:**

D.F / Acueducto Avenue. Postal Code  
07340. Mexico

**Contact:** Merari Duarte

**Telephone:**+ 52 55 57296000

**Website:** [www.upibi.ipn.mx](http://www.upibi.ipn.mx)

**Email:** [ing.merariduarte@gmail.com](mailto:ing.merariduarte@gmail.com)

**Description of the Institution:**

The Interdisciplinary Professional Unit of Biotechnology is an innovative institution, well-known as a leader of the education of biotechnology in Mexico, which has as main objective, the complete training in areas of pharmaceutical/medicine, food and environment. Contributing to national development through the implementation of biotechnology and bioengineering.

**Expectations, cooperation- and internationalisation wishes:**

Our wish is to have the opportunity to open new areas of exchange between Germany and Mexico, helping to the internationalization of the Interdisciplinary Professional Unit of Biotechnology, and improving the cooperation between universities. Moreover, in this way we know the innovations and thus enhance the development of research in the pharmaceutical area in the institute.

**Country:** Germany / Mexiko

**Institute:**

Mexican Talent Network / German Chapter  
Abroad (*Red de Talentos Mexicanos*)

**Contact:** David Oliva Uribe,

**Telephone:** 00 49 176 2480 9800

**Website:** [www.redtalentos.de](http://www.redtalentos.de)

**Email:** [david.oliva.uribe@redtalentos.de](mailto:david.oliva.uribe@redtalentos.de)

**Address:**

Kleine Reichenstraße 1  
D-20457 Hamburg  
Germany

**Description of the Institution:**

The German Chapter of the Mexican Talent Network Abroad is a non-profit association active throughout Germany. The association is compounded by a network of Mexican professionals, researchers, entrepreneurs and students who currently work or study at German Institutions. The objective of the Mexican Talent Network is to facilitate the establishment of links, cooperation projects or business opportunities between Mexican and German partners.

**Expectations, cooperation- and internationalisation wishes:**

Currently the German Chapter of the Mexican Talent Network works in 12 different strategic sectors, among them there are "Biotechnology" and "Biomedicine and Health". Therefore, our association is interested in establishing contact with Mexican and German experts in these areas in order to promote links with our members (and the institutions where they belong), as a way that could lead to the encouragement of future collaborations.

**Country:** Mexico

**Institute:**

Scientific Research Center and High  
Education of Ensenada

**Contact:** Alexei Fedorovich Licea Navarro

**Telephone:** +52(646) 175-0500

**Website:** [www.cicese.mx](http://www.cicese.mx)

**Email:** [alicea@cicese.mx](mailto:alicea@cicese.mx)

**Address:**

Carretera Ensenada-Tijuana 3918, Zona  
Playitas. Ensenada, B.C. 22860

**Description of the Institution:**

Research and teaching activities are conducted within four principal areas Applied Physics (Computer Science, Electronics and Telecommunications, Optics) Earth Sciences (Applied Geophysics, Environmental Geosciences, Geology, Seismology) Experimental and Applied Biology (Conservation Biology, Marine Biotechnology, Microbiology) Oceanology (Aquaculture, Biological Oceanography, Ecology, Physical Oceanography).

**Expectations, cooperation- and internationalisation wishes:**

Interact with institutions and industries regarding the use of recombinant proteins for pharmaceutical purpose, specifically the use of recombinant antibodies and toxins.

**Country:** México

**Institute:**

Tecnológico de Monterrey Campus  
Guadalajara

**Address:**

Avenida General Ramón Corona 2514,  
Colonia Nuevo México  
45201 Zapopan Jalisco, México

**Contact:** Dr. José Luis Nuño

**Telephone:** +52 (33) 3669 3000 ext 2525

**Website:** [www.gda.itesm.mx](http://www.gda.itesm.mx)

**Email:** [jose.nuno@itesm.mx](mailto:jose.nuno@itesm.mx)

**Description of the Institution:**

Our Institution is the leading private university in Mexico and Latin-America. Today, we are a multi-campus college system with 33 campuses throughout Mexico and 21 branches and international liaison offices in 12 foreign countries. Our educational offering consists of a wide assortment of undergraduate majors, specialties, master's degree programs, medical specialty programs, and Ph. D. programs in the fields of agriculture, architecture, business and management, communications and journalism, design and applied art, education, engineering and sciences, food technology, health, the humanities and social sciences, information technology and electronics, and law.

**Expectations, cooperation- and internationalisation wishes:**

At the moment we expect to reach agreements for joint development projects in the fields of food biotechnology, genetic engineering, pharmacogenomics and development of biotechnology based consumer products with Universities and Research Centers. Also we aim to reach agreements for student mobility in the form of short summer internships with research groups in universities. Lastly, we look to support small and medium sized companies in biotechnology to enter the Mexican market through our Technology Science Park, where we can provide incubation, support, consulting services and soft landing.

**Country:** Mexico

**Institute:**  
UDG / Kuragobiotek

**Address:**  
Mariano Otero # 2214 Col. Ciudad del Sol  
Zapopan Jal.

**Contact:** Antonio Cruz

**Telephone:** 52 333 1 33 15 60

**Website:** [www.udg.com](http://www.udg.com) /  
[www.kuragobiotek.com](http://www.kuragobiotek.com)

**Email:** [antonio.cruz@kuragobiotek.com](mailto:antonio.cruz@kuragobiotek.com)

**Description of the Institution:**

2<sup>nd</sup> largest public university in México, with agreements with SME's to develop synergic symbiosis with biotic's selected organism (probiotics-macrophages) and abiotic's (prebiotics & nutrients) alive and metabolically active in order to effectively modulate organic function in human and animal organism. Identification and knowledge of the mechanisms of action of agave fructans as prebiotics and their application in functional foods.

**Expectations, cooperation- and internationalisation wishes:**

Know the effect of functional food developed in specific public health problems in Latin-America and Europe covered by this biotechnology platform.

**Country:** Mexico

**Company:**

Unima Soluciones Naturales SA de CV

**Contact:** Sc. M. María Laura Mendoza Villaseñor

**Address:**

Santo Tomás de Aquino No. 5715  
Col. Arcos de Guadalupe  
CP. 45030, Zapopan, Jalisco

**Telephone:** +52 33 1259 0802

**Website:** [www.unima.com.mx](http://www.unima.com.mx)

**Email:** [laura.mendoza@unima.com.mx](mailto:laura.mendoza@unima.com.mx)

**Description of the Institution:**

Unima is a company specialized in the development of biotechnology products for the control of pathogen bacteria and diseases transmitted by food (food borne diseases). Our goal is to generate technologies to stimulate the migration towards the use of biologic technologies in the production, manufacturing, manipulation and consumption of food. Our company works with research centers and universities in the development of products and with major companies, like Boehringer Ingelheim Vetmedica, in the international commercialization of these developments.

**Expectations, cooperation- and internationalisation wishes:**

Unima expects to reach partnerships for the commercialization of our technologies in the European market with SMEs and major companies in the pharmaceutical and consumer product sectors (food safety, animal health, agriculture and hygiene). Also, we are interested in products from European companies with potential to be commercialized in the Mexican market. We are also interested in participating in technology development agreements for new technologies in our core business area.

**Country:** Peru

**Institute:**  
Peruvian University Cayetano Heredia

**Address:**  
School of Graduate Studies  
Universidad Peruana Cayetano Heredia  
Av. Honorio Delgado 430, Lima 31

**Contact:** Dr. Jose R. Espinoza

**Telephone:** +511 319 0000 ext 2252

**Website:** [www.upch.edu.pe](http://www.upch.edu.pe)

**Email:** [jose.espinoza@upch.pe](mailto:jose.espinoza@upch.pe)

**Description of the Institution:**

Universidad Peruana Cayetano Heredia is an academic institution that is fully involved in developing strong ties with the productive sector. The university has a strong commitment in activities of R &D and innovation in biomedical and natural sciences in collaboration with companies. The university has the Faculties of Medicine, Science & Philosophy, Dentistry, Veterinary and Animal Science, Public Health, Psychology, Education.

**Expectations, cooperation- and internationalisation wishes:**

We expect to establish cooperation in R&D in biotechnology in areas of medicine, veterinary and natural science. We have particular interest in the areas of genomics applied to medicine.

