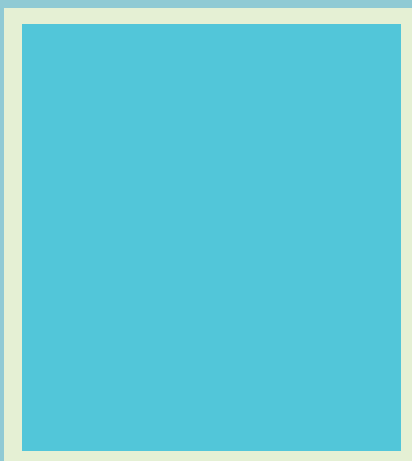
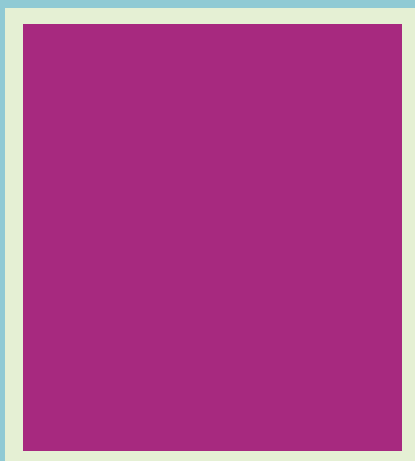
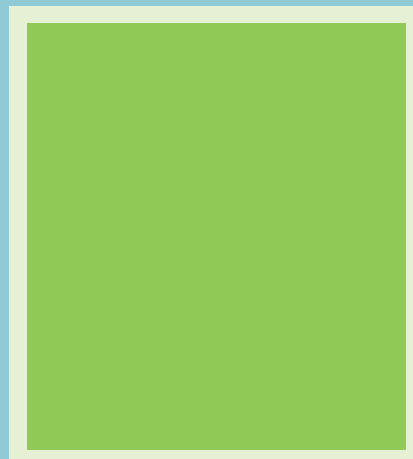


TechMatch

02

BIO - PHARMA - MEDICO

2011



Biomedica Matchmaking 2011

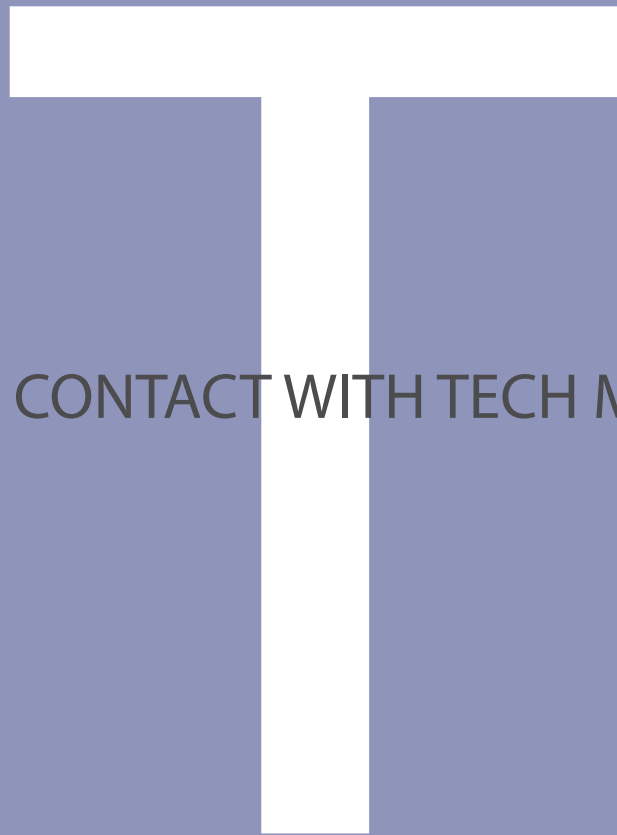
CHEMIKA 2011

Nanoscience & Micro-Nanotech

ILSI Biomed 2011

Technology Searches

- Gold-standard secondary antibodies for life sciences & immunological research
- Tracheal tube introducers for infants
- Training manikin for rescue personnel dealing with spinal cord injuries
- Device for non-invasive measurement of glucose in tear fluid



MAKE CONTACT WITH TECH MATCH

Make new contacts with TechMatch

TechMatch is a free information service, which includes a selection of technologies which are offered and requested by companies in Europe. The service also provides information on relevant fairs and matchmaking events.

The aim of the publication is to promote cross border trade and co-operation.

TechMatch is produced by Nordic members of the Enterprise Europe Network – the world's largest business network.

Interested in a new technology?

If you're interested in one of the technologies or events, or wish to get in contact with one of the companies in TechMatch, please contact one of our consultants. Remember to quote the reference number!

You are also welcome to contact us if you wish to promote your new technology in other European regions.

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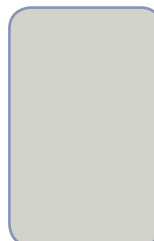
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TECHNOLOGY SEARCHES

Gold-standard secondary antibodies for life sciences & immunological research

(Ref: 11 GB 41n7 3K82)

A UK based company offers a range of secondary antibodies, conjugates, serums and antisera manufactured by its US parent company for broad applications in life science research. Advantages include quality and consistency across the range. The products are used in all types of diagnostic and pharmaceutical research, forming an essential part of the immunochemistry process in many testing methods. The company is looking to find additional European partners (e.g. diagnostic kit manufacturers).

Innovative Gastro-intestinal Dynamic Simulator (GDS)

(Ref: 10 ES 23C7 3K0E)

A Spanish research centre has developed an artificial in vitro digestive system. This model simulates the own conditions of in vivo human gastrointestinal tract allowing a good understanding of the food digestion matrix and its nutrient release during gastrointestinal passage. The centre seeks partners for a technical cooperation to assess the functionalities from functional food and ingredients.

Radio-isotopic detection and imaging

(Ref: 10 FR 32j2 3J2E)

A French company has designed a compact, high resolution and midfield positron emission tomograph dedicated to the exploration of brain function based on a disruptive technology. The offer includes transfer of know-how. This innovation, given the detector's ability to operate in high magnetic fields, enables the realization of a dual modality device (PET/MRI). The company is looking for a partner to distribute the tomograph under a license agreement.

Novel non-toxic peptide with highly potent analgesic activity

(Ref: 11 IL 80EP 3K8X)

An Israeli SME has isolated from the total mixture of the viper snake venom a novel tetra peptide with highly potent analgesic activity. The company is interested in a J/V partner to bring a commercial product to market.

Intrauterine insemination, in vitro fertilization and preimplantation genetic screening

(Ref: 10 RB 1B1L 3IZJ)

A Serbian clinic with long experience in the field of genetics is offering a number of treatments for curing fertility-challenged, such as intrauterine insemination, in vitro fertilization, intra-cytoplasmic sperm injection, pre-implantation genetic screening and diagnosis, percutaneous sperm aspiration, testicular sperm extraction, egg and sperm donation, assisted hatching and cryopreservation. The partners from medical research area are sought for joint technology development.

Investigation of degenerative processes in the retina based on the analysis of spectrum and frequency of gene mutations for developing new therapies

(Ref: 10 RU 86FG 3JYI)

A Russian Research Institute from Republic of Bashkortostan is developing methods for diagnosis of degenerative processes in the retina based on the analysis of spectrum and frequency of mutations in the hereditary disease genes in different ethnic groups. These methods can be applied for the differential diagnosis of retinitis pigmentosa and Leber amaurosis. The institute is looking for Russian and foreign partners for further research and improvement of the methods.

Tracheal tube guide with ventilation lumen

(Ref: 10 PL 61AJ 3K1J)

A Polish SME, one of the leading manufacturers of disposable medical equipment, located in the center of Poland, offers tracheal tube guide with ventilation lumen. The main feature of this introducer is inner lumen for oxygenation during intubation and tube exchange. The company is looking for partners connected with medical equipment sector interested with commercial agreement with technical assistance.

3-dimensional dental implant

(Ref: 09 HU 50S0 3D5G)

A Hungarian company offers a methodology for a 3 dimensional dental implant. This technology ensure a surgical procedure of a short duration, there is no pain resulting and within a week the patient can use the new teeth implant as his own. The system allows the dentist to offer to the patient excellent functional and aesthetic benefits and at the same time the restored implants can both look and feel like natural teeth. Partners are sought for licence and joint venture.

Novel solution for hip replacement

(Ref: 10 HU 50S5 3K0X)

A Hungarian medical research institute is looking for partners active in the field of orthopaedics. The company has developed a bio-compatible bone plug for cement restricted hip prosthesis which ensures proper fastening and gets absorbed by body fluids after the implantation. The use of this bone plug lowers the risks caused by the removal of permanent plugs Type of cooperation sought: further development, licensing agreement, or establishing a joint venture.

Tracheal tube introducers for infants

(Ref: 10 PL 61AJ 3K1N)

A Polish SME which is one of the leading manufacturers of disposable medical equipment is offering the innovative solutions of tracheal tube introducers for infants. The main feature of this introducer is straight distal tip, made of soft, very elastic material that eliminates the risk of delicate tissue damage. The company is looking for partners connected with medical equipment sector interested with commercial agreement with technical assistance.

Gastrointestinal Implant to reduce the food uptake

(Ref: 11 BE 0213 3K91)

A Brussels university has developed a gastro-intestinal implant that enables to reduce the food uptake during an overweight's treatment. The university is searching partners to develop the prototype and to produce the implant. Beyond a technical know-how, the ideal partner should have a business expertise. The university is searching for a technical cooperation.

Guide wire for catheterism facilitating endoscopy surgery, treatment and diagnosis

(Ref: 11 BE 0213 3K92)

A Brussels University has developed a guide wire used in endoscopy to place therapeutic or surgical instruments to a specific place inside the body. The university is searching for partners supporting the development of the guide wire with a business experience. A technical cooperation is sought.

Training manikin for rescue personnel dealing with spinal cord injuries

(Ref: 11 SE 67CM 3K7Y)

A research group from a University in northern Sweden has developed an interactive training platform for medical personnel and rescue personnel. The platform contains an exercise manikin where spinal instability can be simulated. This platform can provide objective data on how the spine is stabilized during extrication and transport of injured to hospitals performed. The research group is looking for license partners of the platform.

Contract research / In vitro technologies

(Ref: 10 DE 17A3 3JV6)

A company from the North-east of Germany has developed, standardized and validated a human hepatocyte culture system that allows long term cultures of differentiated, i.e. functional hepatocytes. It can be used for repeated analysis of drugs, chemicals and xenobiotics and serve as an alternative to animal experiments. The company offers testing services to pharmaceutical and cosmetic companies and other testing institutions with the aim to further develop and optimize its testing technologies.

New tracheostomy tubes

(Ref: 10 PL 61AJ 3K1M)

A Polish SME, one of the leading manufacturers of disposable medical equipment, located in the center of Poland, offers a wide range of tracheostomy tubes. Main feature of tracheostomy tubes are inner cannulas serving as a removable liner for the more permanent outer tube. The inner cannula can be withdrawn for brief periods for cleaning. The company is looking for partners connected with medical equipment sector interested with commercial agreement with technical assistance.

Application of the recombinant DNA technology for investigation of molecular mechanisms of the inherited visual diseases

(Ref: 10 RU 86FG 3K1Z)

An R&D center from Moscow specialized in the molecular fundamentals of vision proposes a number of approaches for application of the recombinant DNA technology in the investigation of molecular mechanisms of the inherited eye diseases. The proposed moderate and informative approaches allow revealing aberrations associated with visual pathologies at the molecular level. The authors search for partners for technical cooperation in implementation of the proposed approaches.

High-frequency electric-discharge technology for express-diagnostics of the functional state of a human body

(Ref: 10 RU 86FG 3K4X)

A medical R&D centre from Novosibirsk, Russia, developed and patented a method of express diagnostics of the functional state of a human body with an analog diagnostics device. The technology is based on the registration and evaluation of electrically induced glowing around fingers and toes. The device has got the Russian national certification and the necessary permissions for being used in medical practice. The centre seeks technical cooperation to improve and commercialize the device.



A technology for arming targeting molecules for use in a variety of therapeutic applications

(Ref: 10 IL 80ER 3K64)

An Israeli SME has developed and patented a technology for arming targeting molecules for use in a variety of therapeutic applications. The company's innovation creates a single protein (an Apofusion) composed of a human targeting component and a fully human component that initiates apoptosis. The company seeks strategic partnerships for joint further development of each of its pipeline molecules. Such partnership will include funding and support of human clinical trials.

Advanced ceramic nanocomposite technology for bone repair

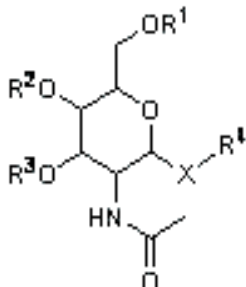
(Ref: 10 RO 78EH 3JPX)

A Romanian research institute specialized in electrical engineering has developed an advanced ceramic nanocomposite material with regenerative and antiseptic properties for bone reconstruction, the advantage lies on a cheaper obtaining process and does not require large investments. The institute seeks partners for licensing.

Sulphur derivative glycosides with antitumoral activity

(Ref: 11 ES 28G2 3K6I)

A public research organisation and a public hospital from Spain have developed sulphured glycosides to treat brain tumours of the glioma type. These compounds reduce in vivo the growth of gliomas in rats and inhibit in vitro (at 3 μ M) cell proliferation in murine glioma cultures. Compared to the corresponding, non-sulphured glycosides, they are more stable to enzymatic hydrolysis. They are looking for a pharmaceutical company for a licence agreement and further development.



Cardio-drug Simulation System

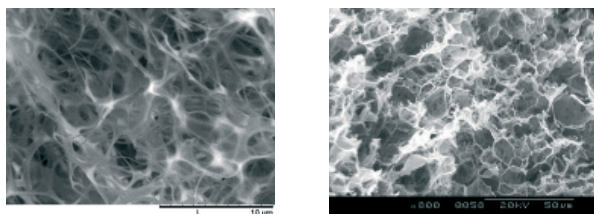
(Ref: 10 IL 80ER 3K68)

An Israeli SME is in an advance development stage of a drug simulation system, which can assist physicians in choosing the right drug treatment for each patient. This product will provide a picture of how the heart works at time of visit and simulate effects of different drug regimens on the specific patient heart. The company is looking for financial and marketing support and partners for clinical trials.

Novel macroporous or meso/macroporous biocompatible polymers with chemical and pharmaceutical applications

(Ref: 11 ES 28G2 3K87)

A public research organisation has developed a simple procedure to obtain biocompatible polymer foams which are functionalised with amino groups. These materials have macroporous or dual meso/macroporous structures obtained by templating in highly concentrated emulsions. These materials have application as drug delivery systems, as biomedical implants or as absorbents in purification and/or extraction procedures of biological and chemical compounds. License agreements are sought.



DENTAL PULP MARROW SIMILAR CELLS (DPMSC) AND METHODS OF ISOLATING AND USING

(Ref: 11 IT 56Z6 3KB1)

An Italian research group tested the use of post-natal cells as a source of autologous stem cells in order to overcome the biological problem associated with the use of embryonic stem cells. They isolate a multipotent population of dental pulp cells developing a culture medium using small amount of autologous serum as source of protein. They search a technical partner for further developments.

Device for non-invasive measurement of glucose in tear fluid

(Ref: 11 NL 60AH 3K7U)

A Dutch SME has developed a non-invasive biosensing micro-device. The biosensor allows biomarker detection through a biochemical reaction within the sensor. The biosensor can be used for glucose measurement under the lower eye lid. This first application is currently in a concept stage. The company is looking for partners to develop the application further. The company is also interested in industrial partners for the development of other applications with this sensor principle.

Taylor-made efficacy assays of potential new drugs through zebrafish animal model

(Ref: 11 ES 26E5 3KBF)

A Basque biotech company has developed several efficacy "in vivo" assays through zebrafish animal model. The potential efficacy of compounds in different therapeutic areas can be determined. These assays allow to predict potential effects of compounds in the "in vivo" zebrafish animal model at early stages of the Drug Discovery process. Looking for companies interested in outsourcing of already developed assays and/or tailor made efficacy assays of potential drugs.

Taylor-made toxicity assays of potential new drugs through zebrafish animal model

(Ref: 11 ES 26E5 3KBH)

A Basque biotech company has developed several toxicity assays through the "in vivo" vertebrate Zebrafish animal model. These assays analyze the toxicity of drugs increasing the number of compounds tested faster and in a more cost-effective way. The assays are carried out in early stages of the drug discovery process, prior to preclinical test in mammals, to redirect those assays, reducing the number of mammals used. Looking for companies interested in outsourcing toxicity assays.

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FIND NEW INTERNATIONAL BUSINESS PARTNERS



What is matchmaking?

Matchmaking in the business sector is all about getting a lot of different companies and organisations from a particular sector to meet at a matchmaking event, and to help them create new national and international working relationships.

During these matchmaking meetings, which can be run over 1-2 days, participants can meet new potential business partners. Meetings are normally arranged in advance, and can typically last for 30 minutes, which is enough to see if there is the potential for future co-operation. Matchmaking is the quickest and cheapest way to build up new contacts in other countries.

Most matchmaking events are held in connection with international trade fairs and give your company the chance to meet with other businesses relevant for you – whether your visit is to buy, sell or simply to learn about new technologies.

There are many matchmaking events in Europe and a small selection is shown in this edition of TechMatch. If you want to hear more about an event, or wish to take part, please contact one of our consultants.

International Matchmaking Events

Biomedica Matchmaking 2011

The Biomedica Summit fosters cooperation within institutes and enterprises to improve product innovations. It is a multidisciplinary event in which science meets business, will inform you about the latest progress in research and development. It was launched in Aachen in 2007, held in Maastricht in 2008, was hosted in Liège in 2009. followed by Aachen in 2010. In the upcoming years Biomedica will focus more on top technology centres across the entire Euregio, including Aachen, Eindhoven, Hasselt, Leuven, Liège and Maastricht.

For 2011, Biomedica Summit focus topics are:

- Biomaterials, Targeted drug delivery and Regenerative medicine
- Advanced development for (bio) pharmaceuticals and nutraceuticals in
- Cardiovascular diseases and Central Nervous System diseases
- Medical devices for sustainable health care
- Imaging: From diagnosis to guided therapy
- Sensors and monitoring: From diagnosis to disease management

A multidisciplinary event in which science meets business, will inform you about the latest progress in research and development.

In cooperation with the organisers of Biomedica 2011, and their Enterprise Europe Network partners, Syntens and ZENIT will organise a matchmaking event, making it even easier for participants to meet their future R&D or technological partners.

Further Information

<http://www.biomedica2011.com/>

**Date:**

7-8 April 2011

City/country:

Eindhoven, Netherlands

Sectors:

Biological sciences
Medicine, health
Biotechnology
Pharmaceutical
Cosmetics

Registration:

From 3 January 2011
onwards

CHEMIKA 2011

Regional Centre for Innovation and Technology Transfer in Szczecin, ZukunftsAgentur Brandenburg, Szczecin International Fair and Westpomeranian Chemical Cluster "Green Chemistry" invites to CHEMIKA 2011.

CHEMIKA 2011 is the three-dimensional event, which will take place in Szczecin, Poland between 14-15 of April 2010 in Hotel Novotel in Szczecin, Poland. CHEMIKA 2011 is addressed to the chemical branch and other industries which can support and provide services for chemical companies.

CHEMIKA 2011 will consists of:

- Fairs for chemical industry – where main players from Poland and region will exhibit,
- Conference – where future and main trends in chemical industry will be discussed by representatives of companies, government, associations and international experts,
- Brokerage Event – direct business-to-business (B2B) and business-to-science (B2S) meeting will be organised: unique chance to meet up with Polish and foreign companies providing commercial and technological services for chemical branch

Further Information

http://www.innowacje.zut.edu.pl/index.php/en/CHEMIKA_2010/International_Brokerage_Event/254

**Date:**

14-15 April 2011

City/country:

Szczecin, Poland

Sectors:

Chemical industry
Automation/Robotics
Waste management
Transport

Registration:

1 April 2011

International Matchmaking Events

NANOSCIENCE AND MICRO-NANOTECHNOLOGY BROKERAGE EVENT 2011

Within the framework of international event IMAGINENANO, the Enterprise Europe Network Basque organises the brokerage event focused on nano and microtechnologies and their applications in various industrial sectors.

ImagineNano, one of the largest European Events in Nanoscience & Nanotechnology will take place in Bilbao from 11 to 14 April 2011 at BEC. It is organised by Phantoms Foundation, CIC nano-GUNE, Donostia international Physics Center and the University of the Basque Country Extensive thematic conferences will be held in parallel and a huge industrial exhibition carried out with the latest nanotrends for the future.

The aim of the ImagineNano Brokerage Event 2011 event is to encourage meetings between technology developers and technology users in order to foster technical cooperation in the field of micro & nanotechnology.

Companies, technological centers, research and development institutes, research laboratories, universities and private researchers have opportunity to:

- present their know-how and innovative technologies
- find new technological solutions
- meet potential business partners
- find partners for collaborative European R&D projects
- make new international contacts

Further Information

<http://www.imagenano.com>

**Date:**

13 April 2011

City/country:

Bilbao, Spain

Sectors:

Medicine, health
Biotechnology
Pharmaceutical
Cosmetics
Energy
Industry

Registration:

25 March 2011

ILSI Biomed 2011

The National Life Science and Technology week presents a cutting edge commercial and scientific program focusing on the latest technologies in the healthcare systems worldwide.

ILSI Biomed 2011 Conference will continue the tradition of keynote speeches and plenary sessions given by industry leaders and leading academicians worldwide. Following last year's success, 60 Israeli companies will be present at the conference offering one-on-one partnering sessions and an extensive exhibition area.

Save the Date! – The 10th ILSI Biomed 2011 will be held May 23-25, 2011 in Tel- Aviv, Israel.

Further Information

Details and further information available at: <http://www.ilsa.org.il/>

**Date:**

23-25 May 2011

City/country:

Tel Aviv, Israel

Sectors:

Industry
Chemical industry
Biological sciences
Medicine, health
Biotechnology
Pharmaceutical
Cosmetics

Registration:

Not open yet

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TECHMATCH IS PRODUCED BY

EDITORIAL

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Facts about Enterprise Europe Network

Who are we?

- 580 organisations
- 5000 experienced personnel
- Activities in 47 countries

How can we help you?

- We can help your company find relevant trading partners
- We help SMEs develop new products, open new markets and provide information on EU opportunities
- We advise SMEs on technical issues including IPR, standards and EU legislation
- We operate as an intermediary between entrepreneurs and EU decision makers and can help your company be heard in Europe



Business Support at Your Doorstep

www.enterprise-europe-network.ec.europa.eu