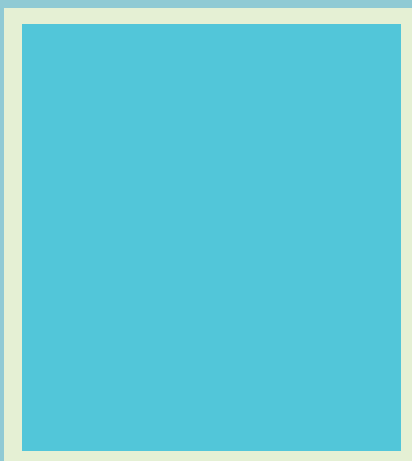
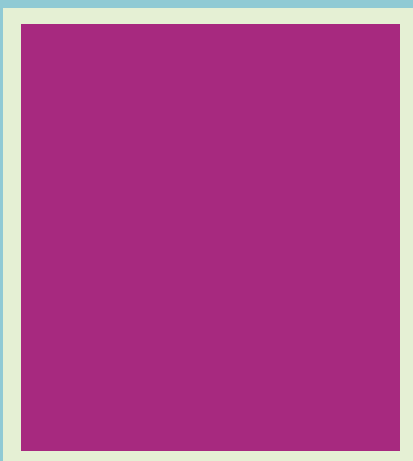
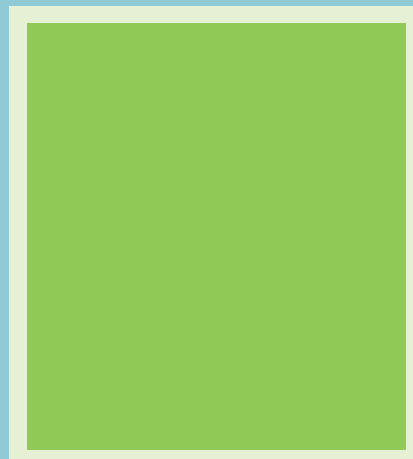


# TechMatch

BIO - PHARMA - MEDICO

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2011



Update 2011

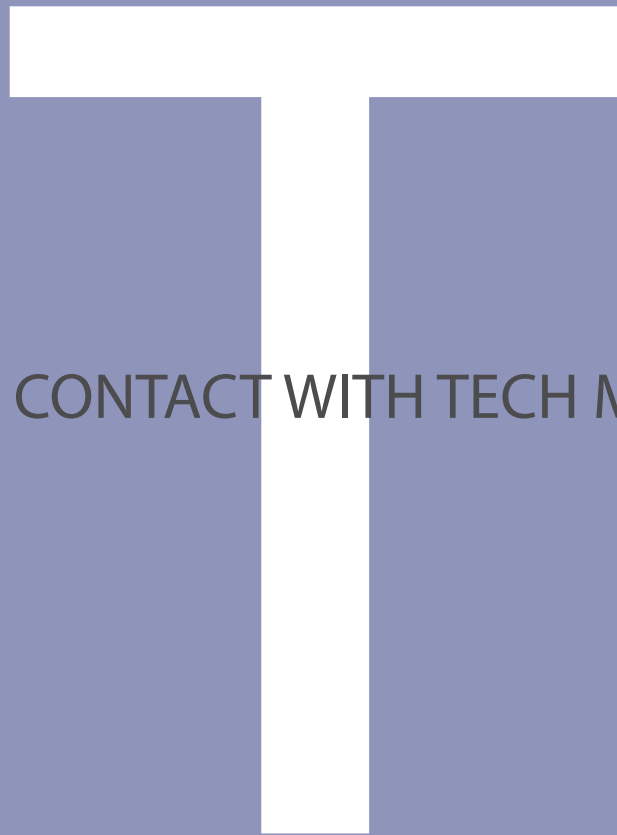
ILSI Biomed 2011

Health + eHealth 2011

NMP/PPP 2012 Calls

## Technology Searches

- Sudden Cardiac Death Prediction
- The world's easiest to use antibody labelling kits
- Computational modeling of (bio)chemical properties and interactions
- New organic materials with photo-activatable antibacterial properties



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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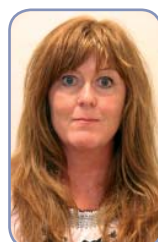
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TECHNOLOGY SEARCHES

## Biological absorbable backing element for tissue implants

(Ref: 11 DE 1593 3KOL)

A German university has developed a biological absorbable backing element for tissue implants, in order to replace damaged cardiac walls by alternative tissue material. Conventional tissue implants can be unstable, especially in early phases of post implantation. Loading in the high pressure area of the left heart ventricle cannot be withstood. Industrial partners for technical cooperation and licensing agreements are sought.

## Extrusion die for producing biocompatible surgical suture material

(Ref: 11 DE 1593 3KOM)

A German university invented an extrusion die and a procedure for extruding of magnesium material, which reduces the time duration of conversion processes. The die contains at least one bore and an antechamber to absorb lubricants in order to allow a lubrication of the suture material while pressing through the bore. Scientific and/or industrial partners are sought for technical cooperation and licensing agreements.

## Microemulsions comprising diazabicyclic compounds having affinity for opioidergic receptors

(Ref: 11 IT 55Y2 3K75)

An Italian SME has patented pharmaceutical compositions in the form of microemulsions wherein the diazabicyclic active principles are diazabicyclic heptane, octane, nonane and decane compounds. The company is looking for big pharma companies or clinical research organizations to license the invention.

## Future mobility through innovative enhancement of White Cane

(Ref: 11 DE 1593 3KOU)

A German industrial designer together with a blind person redefined the White Cane with latest technology guaranteeing maximum mobility hence higher self-esteem for blind people. Industrial partners are sought for technical cooperation. Tasks to be performed are realisation of model and further development of applied intelligent technology to give affected people more quality of life and to eventually liberate them from the handicapped stigma by creating an efficient and state-of-the-art device.

## Digital Stethoscope for cardiac diagnosis

(Ref: 11 GB 77dz 3KRM)

A UK SME has developed a prototype digital stethoscope medical device which records heart sounds and can be used for early cardiac diagnosis, for medical records and training. The company are seeking partners to further develop this technology through a licensing and/or a joint venture agreement.

## Serological method for detecting intestinal microvilli atrophy in patients suffering coeliac from disease

(Ref: 11 IT 55Y2 3K00)

An Italian University research group has developed a method for detecting intestinal microvilli atrophy in a patient suffering from coeliac disease including immunological detection of anti F-actin autoantibodies in a biological fluid from the patient. The research group is looking for License Agreement or Commercial Agreement with Technical Assistance.

## Sudden Cardiac Death Prediction

(Ref: 11 GB 77dz 3KRL)

A UK SME has patented a prototype electrophysiology medical device which provides risk assessments for patients who may suffer sudden cardiac death (SCD). The method is paced electrogram fractionation analysis, with applications in other key markets. The company wishes to work with partners on a joint venture, financial or technical basis to develop the product further and adapt for local markets.

## Joint development and manufacturing of a diabetes management system

(Ref: 11 GB 4303 3KTU)

A UK SME has developed an easy to use system with real-time monitoring features. The company is seeking a partner with development and manufacturing experience in diabetic equipment or small electronic healthcare devices. The company is seeking a partner to further develop the system to prototype stage for a manufacturing or technical co-operation agreement.

## Development of Angioplasty Balloon Catheters

(Ref: 11 GB 77dz 3KOE)

A UK company manufacturing balloon catheters and stents is seeking to collaborate through licence agreement with medical research organisations and similar equipment manufacturers to develop catheters and stents for specific applications in invasive angioplasty radiology and surgery.

## Portable EEG (electroencephalogram) brainwave monitoring device

(Ref: 11 GB 77dz 3KXU)

A UK SME has developed a portable low-cost system to measure brain activity amongst subjects in clinical and non-clinical settings and for sports psychology, rehabilitation and neurofeedback therapies. The company are seeking partners to commercialise this technology, on a joint venture, commercial or technical basis, possibly through a Eurostars bid.

## Manufacturing partner sought for single use endoscope development and production

(Ref: 11 GB 4201 3KY8)

A UK based medical equipment SME has developed a prototype endoscope for single use applications. The company now seeks technical cooperation with a medical device manufacturing partner with electronics and optics expertise to develop the endoscope for full production.

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## The world's easiest to use antibody labelling kits

(Ref: 11 GB 41n7 3KT8)

A UK SME has patented and launched an innovative kit that greatly simplifies direct antibody labelling (conjugation). It allows an end user with no prior knowledge to carry out the procedure with 30 seconds hands-on time. There is no loss of antibody, and the method is fully scalable from 10ug up to 10mg for benefit of manufacturers. Researchers using immunoassays are sought for commercial agreements with technical assistance, and commercial developers of diagnostic kits for licensing.

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## Bioprocess development and protein manufacture

(Ref: 11 GB 41n7 3L14)

A UK company operates a complementary state-of-the-art bioprocess development facility with a focus on monoclonal antibodies and recombinant proteins. The flexible unit delivers services at earlier stages of the manufacturing process (e.g. R&D and bioprocess development, scale-up & bioprocess optimisation) enabling partners to create the best production process, shorten the product development cycle and increase productivity. The company is seeking bioprocess supply chain development partners.

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## Live image based chemical screens of glioma stem cells and normal neural stem cells

(Ref: 11 GB 4407 3KW1)

A London-based university has developed a live image based platform for chemical screening of glioblastoma neural stem (GNS) cell lines. Genetic differences among lines can highlight biomarkers to help patients' stratification. Compounds acting on specific GNS offer therapeutic leads for this unmet medical need. They are seeking a Biotechnology/Pharmaceutical company interested in testing on a GNS live image based platform a library of commercially available or proprietary compounds.

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## Synthetic Pathway Enzymes for the Production of Argyrins

(Ref: 09 DE 1170 3DGN)

A small institute of a German university has developed a new class of substance called Argyrins which are produced in Myxobacteria and are known to be a potential drug in cancer therapy. This substance leads to the inhibition of growth and even to shrinkage of tumors. Partners for licence agreement and for further development are sought.

## Biosensors with On-chip Light Sources - New method for integration of organic microlasers

(Ref: 11 DE 1380 3KU5)

A German Research institute has developed a new method for the integration of organic micro-lasers named "Biosensors with On-chip Light Sources" which is applicable in microtechnology, biotechnology and optical industries. Aim of the project is to realise prototyping a Lab-on-a-Chip analyses system completely based on polymer technology. This system offers manifold options and enables low-cost manufacturing for mass production. The institute seeks a license agreement or technical cooperation.

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## MMPace - a screening assay for MMP-inhibitors

(Ref: 09 DE 1170 3DH8)

A German research group has invented an innovative cell based MMP bioassay enabling high through-put screening of novel MMP inhibitors. The method is based on the heterologous expression and immobilization of biologically active forms of MMP-2 and MMP-9 on the cell surface of *Pichia pastoris* via a novel, highly efficient cell surface display system. Partners for further development in cooperation with the university as well as for license agreements are sought.

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## Novel viral expression system

(Ref: 10 DE 1170 3G2W)

A German university has developed a novel yeast expression system. The system enables a likewise rapid and effective in vivo production of hybrid VLPs that carry antigenic determinants of a particular pathogen within their viral capsid. The recombinant VLPs are replication incompetent, non-infectious and produced in a host (*S. cerevisiae*) that possesses GRAS status. Partners that are interested in licensing or purchasing the invention are sought.

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## Computational modeling of (bio)chemical properties and interactions

(Ref: 11 EE 21B9 3KV4)

An Estonian SME developed various methods of in silico modeling of (bio)chemical properties and interactions. Modeling can be used in research of new chemicals in industrial or pharmaceutical fields. The SME is looking for partners in related industries for applying the methods in the development of new compounds.

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## Molecular Markers for minimally invasive diagnostics

(Ref: 09 DE 1170 3DH0)

A working group of a German university has identified special features of tumour cells that could constitute a basis for an improved special diagnostic investigation. Tumour antigens were identified which trigger an immune reaction exclusively in patients with glioms or meningiomas. Partners for further development of the technology and commercialisation are sought.

## **A multiparametric innovative high content screening platform for informative in vitro validation**

**(Ref: 11 IT 54W2 3L3B)**

An Italian company has developed an innovative and unique platform for informative preclinical screening which enables to dissect cell-to-cell communication in complex cellular networks (such as brain tissue, immune system, blood, liver, hepatocytes, etc?). The company is looking for industrial/academic partners interested in validating the platform on specific proprietary R&D projects.

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## **New organic materials with photo-activatable antibacterial properties**

**(Ref: 11 IT 56Z6 3KZR)**

An Italian University research laboratory developed an efficient synthetic route to pentaphyrins. Pentaphyrins are a class of conjugated macrocycles in which five pyrrole units are connected together. These molecules are efficient agents for application based on photodynamic techniques. Pentaphyrins show high bactericidal properties which can be exploited against resistant bacteria and in low impact water treatment. They are seeking companies for further industrial development and license agreement.

## **Low friction coatings or surface treatments for disposable medical devices**

**(Ref: 11 GB 4201 3L34)**

A UK medical device SME is interested in technical cooperation with coatings and surface treatment specialists to develop suitable low-friction technologies for use on single-use endoscopes and colonoscopes.

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## **Investment and product development company seeks patented licensing opportunities in specialist therapeutic areas (medical foods and other non-drug regulatory categories)**

**(Ref: 11 GB 4407 3L1F)**

A London-based healthcare company is looking to in-license or acquire rights to patented projects for further development into over-the-counter products ("OTX products" that can be purchased by the patients without a prescription). The company has regulatory expertise in medical foods, dietary supplements and medical devices. On acquiring rights to patented assets, the company will develop a regulatory strategy and provide investment for development and commercialisation.

A large, white, stylized letter 'C' is centered on the page. It is a thick, curved shape that is open on the right side. The text 'FIND NEW INTERNATIONAL BUSINESS PARTNERS' is written in a dark grey, sans-serif font across the middle of the 'C'.

FIND NEW INTERNATIONAL BUSINESS PARTNERS



## What is matchmaking?

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**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.

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# International Matchmaking Events

## Health + eHealth 2011 Brokerage event

Health + eHealth 2011

APRE in collaboration with the Science Park of the University of Rome "Tor Vergata", partners of Enterprise Europe Network, are organizing the Health + eHealth 2011 brokerage event in the framework of the Italian national launch of the FP7 Health call 2011. The event will be held in Rome on the 16th and 17th of June 2011 at National Research Council of Italy.

The brokerage event offers a good opportunity to SMEs, researchers and stakeholders to meet and discuss about potential new products, technologies and services for business cooperation and research proposals for the upcoming calls through individual meetings, aiming at business and/or technology transfer agreements.

### Thematic areas

#### Health

Diagnostics  
Ageing population Technologies  
Biomarkers  
Imaging  
Sensors and monitoring

#### eHealth

Technology support (RFID technologies)  
Telemedicine-Maritime telemedicine  
Robotics in surgery applications  
Privacy & data security  
AAL

**Date:**

17 June 2011

**City/country:**

Rome, Italy

**Sectors:**

Medicine, health  
Biotechnology  
Pharmaceutical  
Cosmetics  
Information technology

**Registration:**

25 May 2011

The Health + eHealth 2011 Brokerage event fosters cooperation within institutes and enterprises to improve product innovations in the Health and eHealth sector. It is a interdisciplinary event in the framework of the EHM 2011 Eurohealth meeting which includes national launch of the FP7 Health call 2011 and presentation of success stories of research projects and innovative technologies.

### Further Information

<http://www.b2match.eu/health2011>

## Transnational Brokerage event NMP/PPP 2012 calls



Enterprise Europe Network partners (CCI de Région Alsace, CCI de Région Franche-Comté, CCI de Région Lorraine) with their cross-border partners (Luxinnovation, EEN Brussels @ABE, EIC TRIER/IWK/HwK, EEN Wallonia, IMG Innovation Management GmbH, Steinbeis Europa Zentrum) will organise in partnership with national NMP-PPP NCP(Nanosciences, Nanotechnologies, Materials and new production technologies/Private-Public Partnership) and the Regional Agency for Innovation of Alsace, a transnational brokerage event NMP-PPP 2012 calls in Strasbourg on 28th June 2011.

The purpose of this event is to present an overview of the future call NMP/PPP that will be published by the 19th of July 2011 for submission of proposal by the end of 2011-beginning 2012.

Participants will have the opportunity to meet National Contact Points and companies/laboratories to discuss, exchange about ideas or future NMP/PPP proposals during pre-arranged appointments that aim to pave the way for future co-operations and European projects.

**Main topics:** Nanosciences and nanotechnologies, Materials - new forms of production - integration, Factory of future, Energy efficient buildings, Green Cars

**Participants:** Innovative SMEs, companies R&D staff and scientists, universities and scientific institutions (open to all EU countries - specifically targeting Alsace, Lorraine, Franche-Comté and Border Regions from Germany, Swiss, Belgium, Luxembourg)

### Why participate?

- Present, discuss and develop new project ideas for 2012 NMP+PPP and project proposals for 2013
- Meet potential partners for research, innovation and business
- Pre-arranged appointments

### Further Information

<http://www.eurosaire.prd.fr/7pc/manifestations/280611-form-nmp.php>

**Date:**

28 June 2011

**City/country:**

Strasbourg, France

**Sectors:**

Biological sciences  
Industry  
Industrial manufacture  
Transport  
Construction technology  
Materials technology  
Information technology  
Energy  
Environment

**Registration:**

15 June 2011

# International Matchmaking Events

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## Update 2011

GET UPDATED! - The latest developments in nanotechnology and its applications. Networking sessions with leading researchers and companies. All neatly packaged. Update 2011 is all about making your life easier.

Update 2011 is aimed specifically at companies - and researchers interested in industry collaboration. Arranged by seven universities and institutes in Denmark and Sweden, the two-day event has four main parts:

### Nano today and tomorrow

This is a session that will give you a general background on how and where nanotechnology is used today - and how it is likely to affect the technological development of the future >>

### Focused sessions on life, energy and materials

This is where we get specific. In the parallel sessions | life | energy | materials | experts from universities and companies will present the latest developments in their fields, inviting you to join the discussion.

### Going nano

Taking the step into the world of nanotechnology opens up new possibilities. It is also likely to raise new questions. Listen and learn from companies that have already made the journey >>

### Matchmaking

Having some 150 company representatives and scientists in the same place at the same time usually leads to the exchange of both business cards and ideas. But to make the process more efficient, we will help you set up meetings beforehand

### Further Information

<http://www.b2match.eu/update2011>

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**CONFERENCE & MATCHMAKING**  
23-24 MAY HELSINGBORG

**Date:**  
23-24 May 2011

**City/country:**  
Helsingborg, Sweden

**Sectors:**  
Nanotechnology

**Registration:**  
6 May 2011

## ILSI Biomed 2011

The National Life Science and Technology week presents a cutting edge commercial and scientific programme 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 academics 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.

The conference is a meeting place for industry and academia from Israel and abroad. Exuberance is felt everywhere: lectures and exhibition halls and partnership meetings. International visitors come to hear about and witness the various innovations, and experience first hand the entrepreneurial spirit so strongly exhibited within the vibrant Israeli life science community.

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

### Further Information

<http://www.ilsa.org.il/>  
<http://www2.kenes.com/biomed/pages/home.aspx>

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**Date:**  
23-25 May 2011

**City/country:**  
Tel Aviv, Israel

**Sectors:**  
Industry  
Chemical industry  
Biological sciences  
Medicine, health  
Biotechnology  
Pharmaceutical  
Cosmetics

**Registration:**  
19 May 2011

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TECHMATCH IS PRODUCED BY

# EDITORIAL

TechMatch is produced by Agro Business Park, on behalf of the Enterprise Europe Network in the Nordic regions.



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## Facts about Enterprise Europe Network

### Who are we?

- 580 organisations
- 5000 experienced personnel
- Activities in 48 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](http://www.enterprise-europe-network.ec.europa.eu)