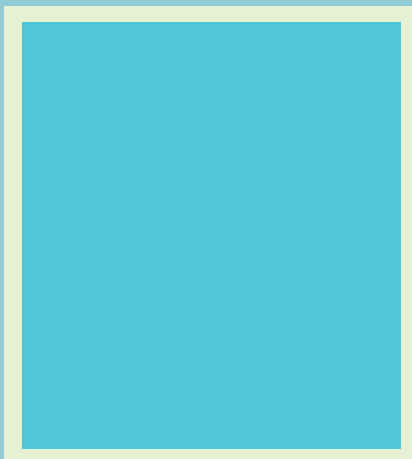
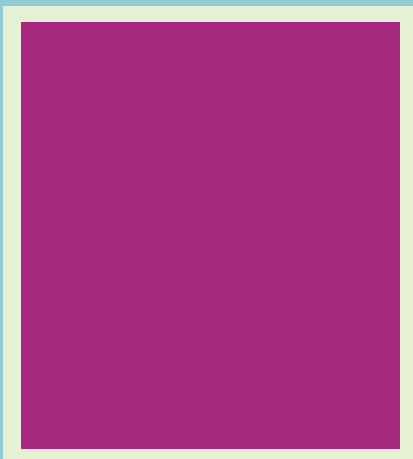
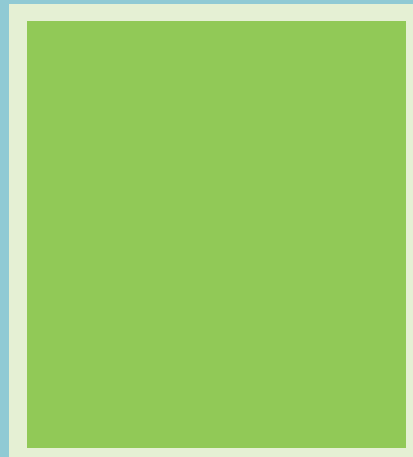


TechMatch

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BIO - PHARMA - MEDICO

2011



NANOTEX 2011

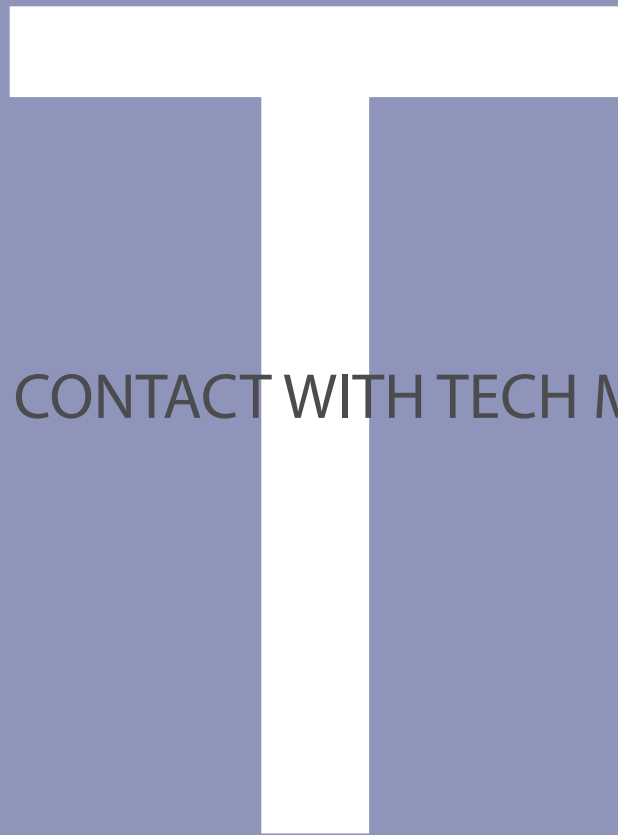
Biotechnology Transfer Day

BioBusinessMatching

Vegepolys Business Event

Technology Searches

- Novel anti-parasitic compounds targeting Leishmania ready for license
- Technology to remove viruses from high optical density products like blood
- Novel cell and tissue storage and shipping technology
- Medical-based rehabilitation fitness equipment and contents



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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.

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A large, white, stylized letter 'E' is centered on the page. The letter is composed of thick, solid white bars. The top and bottom horizontal bars are the longest, while the middle horizontal bar is shorter and positioned such that the text 'TECHNOLOGY SEARCHES' is centered within its length. The vertical bar on the left is also thick and solid white.

TECHNOLOGY SEARCHES

Saving lives in 10 seconds with a minisensor for first aiders

(Ref: 11 DE 1380 3LBB)

A large German research institute has developed a minisensor to save lives in 10 seconds which indicates rapidly and reliably whether a person must be reanimated or not. A total of 38 significant values such as the slew rate are recorded and related to each other. The minisensor is also suited for the pre-operative monitoring of cardiovascular activities of hospital patients and is applicable in security technology. The institute seeks either a license agreement or a technical cooperation.

Novel anti-cancer compounds ready for license

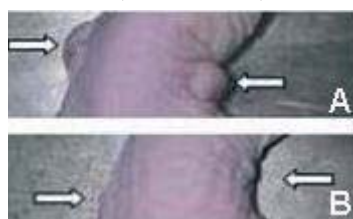
(Ref: 11 GB 46P4 3L04)

Collaborative work with a Scottish University research team has resulted in a number of new bisnaphthalimidopropyl derivatives with high cytotoxic potency against a range of human cancer cell lines. The compounds are the subject of pending patent applications internationally and the University is seeking licensing partners for further development and commercial application.

Snail, a new prognostic marker for tumours and a target protein for the identification of antitumoral compounds

(Ref: 11 ES 28G2 3L9Q)

A public research organisation and a public university from Spain have found that the transcription factor Snail represses the expression of E-cadherin, a protein whose levels are reduced when epithelial tumours become invasive. Snail is associated to the acquisition of migratory properties by epithelial tumour cells and can be used as a prognostic marker and to identify new antitumoral compounds. Pharmaceutical and diagnosis companies interested in licensing this patented technology are sought.

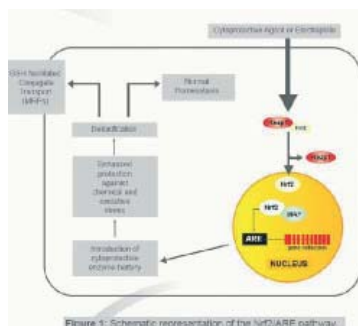


as a prognostic marker and to identify new antitumoral compounds. Pharmaceutical and diagnosis companies interested in licensing this patented technology are sought.

Novel cell line for drug and compound screening for Nrf2 activators of ARE

(Ref: 11 GB 46P4 3L2Z)

A Scottish company is seeking partners to develop applications for a novel in vitro screen for electrophilic and antioxidant properties of chemicals. The company has developed a novel cell line that utilises the Nrf2 pathway for screening cytoprotective and electrophilic compounds. Partners are sought who wish to use this tool for drug screening, screening for antioxidants or screening for potential skin sensitisers.



Novel anti-parasitic compounds targeting Leishmania ready for license

(Ref: 11 GB 46P4 3KXQ)

Collaborative research from a Scottish University research team has resulted in a number of new bisnaphthalimidopropyl derivatives with potent antiproliferative effects on the life cycle of the protozoan Leishmaniasis infantum; the causative agent of leishmaniasis in humans. The compounds are the subject of pending patent applications internationally and the University is seeking licensing partners for further development and commercial application.

High performance force-feedback device for medical/healthcare applications (simulation-based training, surgical assistance?)

(Ref: 11 FR 34k3 3LB0)

A high-technology SME based in France develops and sells solutions (hardware and software) for physical interaction with virtual worlds. They have developed a new force-feedback device in order to address specifically the market of medical/healthcare applications in Virtual Environments. It offers a force-feedback in 3 directions of space, with a static compensation of its own weight and a fast tool changer. Integration and/or OEM agreement is looked for.

AUTOMATIC EXTERNAL PUBLIC DEFIBRILATOR

(Ref: 11 SK 69CT 3LCE)

A small company from western part of Slovakia active in the field of medicine devices is offering a defibrillation technology suitable for professionals and non-professionals. The charger enables the device to work even if the battery is weak. It is equipped with large LCD screen which enables you to see and read a recorded ECG line. Partners are sought for the development of further applications.

An innovative dental scanner to rapidly generate an accurate 3D model of the dental arch

(Ref: 11 IT 53U6 3LCP)

An Italian company, mainly dedicated to develop high precision biomedical devices, has realised a prototype of a robotic 3D scanner for the dental arch. The system is characterised by high precision and ease of use, it accelerates the production of dental prosthesis, eliminates x-ray and is able to steer precisely the new implant. The company is interested in technical and commercial agreements for further development and commercialisation of the final system.

Correlation between weather stimuli and Alzheimer's disease

(Ref: 11 GB 77dz 3LD6)

A UK research company has studied the effects of weather stimuli and genes associated with Alzheimer's disease. They are looking to collaborate with pharmaceutical companies to expand the research and development in view of a license agreement.

An innovative, high-precision, versatile medical robot supporting critical applications in orthopedy, laparoscopy and biopsy

(Ref: 11 IT 53U6 3LCO)

An Italian high-tech company, dedicated to the development of robotised instrumentations for medical applications, has developed an innovative, high-precision device to support orthopaedics and general medicine operations, laparoscopy and biopsy. The system is a self balancing measuring device able to turn into a robot or to lock itself in any configuration and support different end-effectors. An advanced prototype is already available. The company is interested in market oriented agreements.

Indirect Microfluidic System with integrated inexpensive disposable part

(Ref: 11 DE 1380 3LD5)

A large German research institute has developed an Indirect Microfluidic System with an inexpensive disposable part integrated. Such systems do not convey the fluids used in the system directly, but via a liquid medium which is immiscible with the fluids transferred in the system. This method is applicable especially in biotechnology, analytics and pharmaceutical industry. The institute is seeking either a license agreement or a technical cooperation.

Innovative technology platform for chemical and toxicological assessment of compounds and products

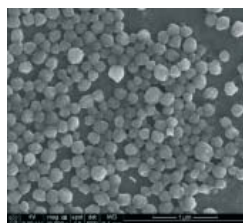
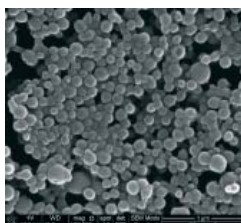
(Ref: 11 DE 1169 3L60)

A German GLP certified SME offers a platform of toxicological, ecotoxicological, physico-chemical properties, biodegradability and mutagenicity studies. Besides testing and evaluation of chemical compounds, preparations and consumer articles, tailor-made analytical methods are developed according to the customers' needs. The company offers technical cooperation for academia and industry and consulting according to the EU-REACH, Biocide Agrochemical and Veterinary Medicinal Product Directive.

Protein-based encapsulation and controlled release of additives for food, cosmetics and pharma products

(Ref: 11 ES 29h4 3KSF)

A Spanish university has developed a versatile encapsulation technology using nano- and microparticles. This technology allows the encapsulation, protection and release of compounds to be added to a large variety of products (food, nutraceutical, pharma, veterinary, cosmetics). The university offers technical cooperation agreements with an integral service from formulation to industrial scale production of particles to those companies interested in differentiating its products.



Novel drug delivery shuttles able to cross biological barriers

(Ref: 11 ES 252K 3LD1)

A Research Institute based in Barcelona (Spain) has identified a family of drug delivery shuttles able to cross the blood brain barrier (BBB): polyphenylprolines (PhPro). They are a powerful alternative to carry a wide variety of small molecules as cargos. This represents an opportunity to develop new delivery carriers crossing a range of biological barriers. The Institute is seeking Biotech and Pharma companies interested in joint ventures and commercial agreements with technical cooperation.

Novel microRNA-based fingerprinting for cell QC including stem cells; development partners sought

(Ref: 11 GB 46P4 3LF1)

A Scottish company, expert in microRNA-based fingerprinting technologies, has developed a novel approach to cell characterisation & quality control including stem cells by rapidly and reliably monitoring identity, purity, safety and differentiation staging. The company is seeking development partners who require rapid and reliable approaches to stem cell characterisation & quality control as part of their therapeutic development programmes.

Technology to remove viruses from high optical density products like blood

(Ref: 11 GB 46P4 3L87)

A Scottish company has developed a unique method to kill viral contaminants in liquid solutions. This technology will allow high optically dense products to be processed at high volumes in normal industrial production time scales, without the need for dilution. The Scottish company is seeking partners requiring viral inactivation of their liquid solutions for whom the technology can be adapted under license.

Magnetohydrodynamic (MHD) generator expertise, technology and solutions are sought for applications on transforming kinetic energy of gas streams to electricity

(Ref: 11 FI 30I1 3LAL)

A Finnish SME active in the field of distributed energy production systems using wood and other biomaterials as fuel has developed effective and environmentally friendly systems and solutions. The company wants to improve the efficiency of its products by developing new additional features and process option to its product package. Therefore, magnetohydrodynamic (MHD) generator technology expertise or ready solutions are sought for technical and commercial cooperation.

Endoscopic surgery device for haemostatic insertion and recovery of a plug at the surgical site

(Ref: 11 IT 55W4 3LIT)

An Italian University spin-off has developed and patented an haemostasis device for laparoscopy. This integrated device is capable to insert a special sponge in the surgical field and is able to perform a safe recovery of the sponge inside the device at the end of the procedure. The company is looking for partners that are well established on the market interested in adopting the device.

Novel patented hand steriliser

(Ref: 11 GB 4201 3LFK)

A UK based small company has developed a novel patented hand steriliser, easy to use, which is capable of sanitising hands in under 5 second and results in hands which are dry enough to use without towelling. The company wishes to sell the patent or enter into a joint venture agreement to manufacture and market the product which is electrically engineered.

Personal thermograph

(Ref: 11 RU 86FG 3LDQ)

A Russian innovational company from Nizhniy Novgorod developed a personal thermograph that allows plotting thermograms of investigated areas and give prior diagnosis, including the option of tele-consultation with the attending doctor. The device is absolutely safe, it has the functions of a medical thermograph, but considerably cheaper. The company seeks cooperation partners who want to apply this thermograph in their own fields of activity.

New device to deliver contact anesthetic on eyes

(Ref: 11 ES 29G6 3LEQ)

A Spanish research organization has developed and patented a new device to deliver contact anesthetic in a local way to use it in superficial ophthalmic surgery. The advantage is that it gets a deep anesthetic effect only in the desired area, avoiding punctures and discomforts, all through an affordable and user-friendly device. The agency is looking for partners interested in licensing the technology or cooperating to develop new applications.

New procedure for micro-stereoscopic photography of retina

(Ref: 11 ES 29G6 3LER)

A Spanish research organization has designed, developed and patented a new process for micro stereoscopic photograph of retina. It combines two axes, X and Y, by manipulating the moving parts of a retinal camera. In this way, it's possible to notice the three-dimensional morphology of an object that is not visible at the symmetric horizontal X-axis. The organization is looking for companies interested in licensing the technology or cooperating to develop new applications.

Novel cell and tissue storage and shipping technology

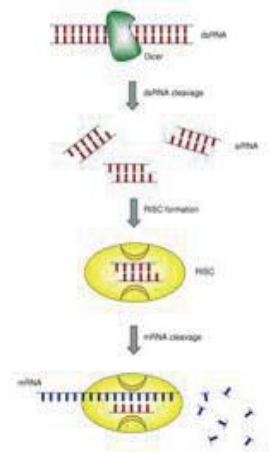
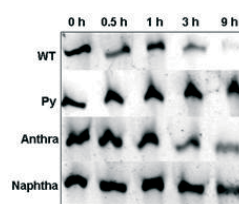
(Ref: 11 ES 26E5 3LF3)

A Basque SME has developed a novel cell and tissue shipping technology (CTTS Technology) based on an innovative media, which enables the shipping of a wide range of cell types at room temperature. The main application is the development of ready-to-use cell based assay models for research. The company aims to out-license the CTTS Technology to companies involved in the development and commercialization of ready-to-use cell based assay models, cell lines and tissue for research applications.

New siRNAs conjugated to hydrophobic molecules for silencing gene expression

(Ref: 11 ES 28G2 3LFC)

Two public research organisations and a university in Spain have developed small interfering RNA duplexes (siRNA) linked to hydrophobic (lipid, alkyl and aromatic) groups. These siRNA are more stable (specially to nucleases), pass partly through cell membranes even with no transfecting agent and have silenced TNF- α expression in cell cultures, showing its potential to treat inflammatory diseases. Pharmaceutical or biotech companies are sought to exploit this technology under a patent licence.



Development of a technology for bone regeneration in maxillofacial surgery based on tissue-engineering structures

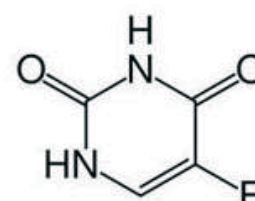
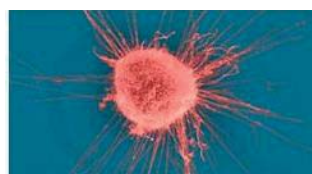
(Ref: 11 RU 86FG 3LEG)

A Russian biotechnological company from Moscow has been developing a new technology for bone regeneration in maxillofacial surgery. The company is looking for partners - innovative companies and research organizations for technical cooperation, probably under a joint application to bilateral calls between RF and EU countries. The company seeks partners for preclinical (assessment of acute/chronic toxicity and tumorigenity) and clinical trials.

Test for the determination of the response to the treatment with 5-FU of patients with colon or breast cancer

(Ref: 11 ES 28G2 3LEJ)

Two public research organisations and a university from Spain have identified the RNA-dependent protein-kinase PKR as a marker to assess the response to the treatment of cancer with 5-Fluorouracil (5-FU). Identification of mutations in PKR, changes in its activity, or insufficient expression, allows predicting the response to 5-FU alone or combined with other drugs or cytokines, particularly in patients with colon and breast cancer. Industrial partners are sought interested in a patent licence.



Carrier for the Three-dimensional Cultivation of Cells - Method for cost-effective production of cell culture media

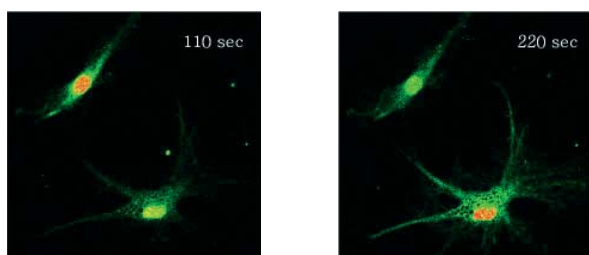
(Ref: 11 DE 1380 3LFH)

A large German Research Institute has developed a carrier for the three-dimensional cultivation of cells for the low cost production. Microcavities arranged on a plane allow for an active nutrient supply. In this way typical cell functions are preserved and cell adhesion can be optimized by surface modification. This method is applicable in biotechnology, plastic industry, pharmaceutical industry and medicine. The institute is seeking either a license agreement or a technical cooperation.

Two photon fluorescent probe for near-membrane Calcium ions

(Ref: 11 KR 9A9D 3LGB)

A molecular opto-electronics laboratory of Korean university has developed a fluorescent probe for near-membrane Calcium ions. With Two-photon microscope, this probe shows the variation of Calcium concentration inside of the cell or tissue, therefore it helps researchers to figure out and image the mechanism of living cell. The Lab is looking for a company or an institute for licensing agreement and joint further development to commercialization of this technology.



A new suite of specialised software tools for the analysis of genomic and medical data

(Ref: 11 IT 53U6 3LHD)

A research-based Italian company has developed a suite of specialised software tools for the management and analysis of medical and genomic data (mainly related to Affymetrics microarray), including: preprocessing and annotation of genomic expressions for TMEV statistic analysis, pre-processing and pattern extraction from Single Nucleotide Polymorphism data and microRNA data. The company is interested to technical cooperation for further development or to licensing with technical assistance.

Drug release technology for preventing abuse

(Ref: 11 GB 46P4 3LHV)

A Scottish SME specialising in contract development and manufacturing services offers an "Abuse Resistance" formulation product based on a tailored release profile to help minimize the risk of abuser's tampering with the dosage unit of a controlled drug. Academic and industrial partners are sought who are developing controlled drugs for manufacturing agreement and/or commercial agreement with technical assistance.

Photobioreactor System for Ultrahigh Biomass Productivity from Microalgae

(Ref: 11 IS 81ET 3LDH)

An Icelandic SME, has developed a low cost energy efficient LED (Light Emitting Diode) based photobioreactor (PBR) system for ultrahigh biomass productivity from microalgae. The patent pending PBR system is suitable for commercial production of diverse products from microalgal biomass including pharmaceuticals, nutrition, pigments and biofuels. The company seeks partners interested in commercial/technical collaboration and licensing agreement.

A portfolio of small molecule kinase inhibitors with excellent potency and good selectivity and a platform to generate further kinase inhibitor IP

(Ref: 11 GB 41n7 3LLN)

A small UK company has strong intellectual property around a series of small molecules with activity against many kinases, which are potential therapeutics for a range of cancer and auto-immune diseases. They feature excellent potency and physico-chemical properties and first proof of in vivo efficacy. The platform allows for further hit generation and optimisation. European biotechnology SMEs are sought for sharing of IP and joint further development.

Cellular Drug Screening Assay for developing Rheumatoid Arthritis drugs

(Ref: 11 GR 49R2 3LKS)

A Greek research group has developed a novel assay for drug discovery in treating Rheumatoid Arthritis (RA). The assay is fast and easy to perform, with very good signal-to-noise ratio, excellent reproducibility and has the potential to develop into a high-throughput assay for screening candidate drugs in treating RA. The researchers are seeking industrial partners interested in concluding a licensing agreement or conducting joint further research.

Machine to mark laboratory flasks

(Ref: 11 ES 29h3 3LK2)

A Spanish company is specialised in the automation and control of industrial processes. They design and manufacture prototype machines for different sectors and develop traceability and monitoring software. They have developed a new machine to mark precisely laboratory flasks. It is compact, speedy, easy to use and



adaptable to all kinds of flasks. The company is looking for commercial agreements with technical assistance with flask producers for the adaptation and implementation of the machine.

New method for timely diagnosis of atrial fibrillation

(Ref: 11 DE 1380 3LI1)

A large German Research Institute has developed a method to detect atrial fibrillation with high sensitivity irrespective of the point in time at which it occurs. The analytical algorithm is based on parameters of variability of the heart rate which are calculated from an ECG signal. The method can be integrated into existing systems and is applicable especially in security technology and medical engineering. The institute seeks either a license agreement or a technical cooperation.

Novel Pim kinase inhibitors with demonstrated activity in cell culture

(Ref: 11 FI 3010 3LM8)

A Finnish research group has found new Pim kinase inhibitors, which are able to inhibit migration of adherent cancer cells, suggesting that they could reduce the ability of these cells to form fatal metastases. The present inhibitors can be used not only as efficient research tools, but also as promising lead compounds for developing new preventive or therapeutic drugs to treat patients with metastatic tumors. The researchers are looking for industrial partners for further development.

Multifunctional bioactive coating material for bone implants

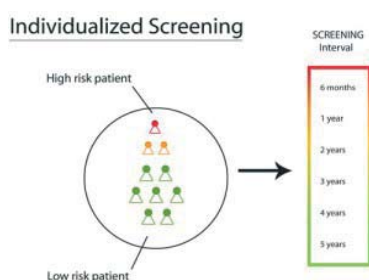
(Ref: 11 SI 68CN 3LJ2)

Slovenian research institute has developed a process for production of bioactive and protective coating on implants having porous surface layer. The new process minimises the problems and deficiencies of implants that are currently in use. The coating is completely resorbable within 10 weeks (confirmed in-vivo) and was confirmed to enhance osseointegration in comparison with non-coated implants. Institute is looking for industrial partners interested in further development and license agreement.

Innovative screening software for preventive treatment of diabetic eye-disease

(Ref: 11 IS 81ET 3LL1)

An Icelandic SME has developed a first class screening software for the detection and preventive treatment of diabetic retinopathy (eye-disease). The company's ideology is based on predicting treatment outcome that is controlled by individualized clinical data. The solutions deliver cost efficiency for health-care systems and optimize the use of their resources. The company seeks partners for licensing, technical cooperation, joint venture or commercial agreement with technical assistance.



Orthopaedic Technology (Ankle Foot Orthosis)

(Ref: 11 SE 672F 3LJ0)

A Swedish company has developed an innovative ankle foot orthosis (AFO) that is to be used for people with some kind of foot injury. The solution provides the user with flexibility and strength to move normally. The company produces and sells the patented AFO device in several models to meet the high demands from patients. The company is looking for partners for a commercial agreement with technical assistance.

Technology for the prognosis of cancer progression based on the analysis of the immune system parameters through computer visualization of multidimensional data

(Ref: 11 RU 86FG 3LI9)

A Russian SME from Omsk developed a technology for prognosis of cancer progression. The offered technology is based on the state of immune system parameters and enables to control the efficiency of antitumoral treatment, provide immune therapy, and make individual prognosis of the clinical course and its outcome. Partners are sought for clinical trials, joint development of new applications (malignant tumour of different locations), and certification.

A rapid flow cytometric screening method for distinguishing bacterial from viral infections

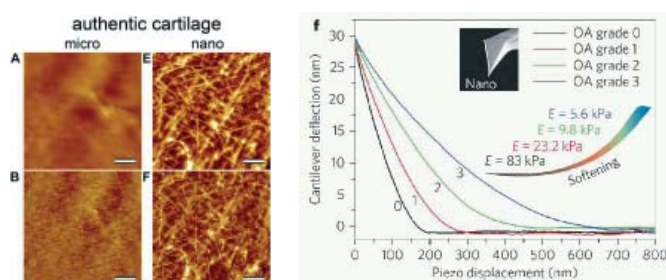
(Ref: 11 FI 3010 3LO6)

A Finnish research group has invented a novel fast method (BIS point method), a flow cytometric immunophenotyping of phagocytes using the screening panels of monoclonal receptor-specific antibodies for distinguishing between bacterial and viral infections in about 1 hour. This BIS point method can be applied to differentiate between bacterial and viral (e.g. H1N1 swine flu) pneumonias with 92% sensitivity and 100% specificity.

In-situ detection of early osteoarthritis using nanoscale indentation-type atomic force microscopy

(Ref: 11 GB 40n6 3LIS)

A university in the South-East of England is developing a hand-held probe for early detection of osteoarthritis based on nano indentation-type atomic force microscopy. A first prototype (developed in a Swiss institute) has demonstrated nanoscale measurements in the human body. The university is looking for industrial partners in the field of medical devices to jointly develop a new sensor that is robust enough for typical operation conditions; investors and clinicians for trials are also sought.



Application of stem cells in regenerative orthopedic and dental medicine

(Ref: 11 IS 81ET 3LLK)

A laboratory/research group have in collaboration with the Blood-bank of Iceland in recent years worked on research and development on biomaterials and stem cells for regenerative medicine in the field of bone reconstruction. The group seeks partners for Technical Cooperation and Manufacturing agreement. A participation in the action would allow the participants to enhance their level of knowledge in these fields and expand their network.

Circulating miRNAs as markers in prostate cancer

(Ref: 11 DE 1380 3L8I)

A German Research Center has found a non-invasive marker for diagnosis and staging in prostate cancer and developed a kit. Circulating miRNAs have recently been indicated as practicable and promising biomarkers for non-invasive diagnosis in various tumor entities. The research center is looking for a License - and/or Manufacturing agreement.

Method for quantifying oxidized HDL and LDL lipids in cardiovascular disease and metabolic syndrome

(Ref: 11 FI 3010 3LMD)

A small Finnish company has developed the assays of oxidized HDL lipids, oxidized LDL lipids. Their ratio will significantly improve the possibilities for diagnosis, follow-up of treatment, and basic research of cardiovascular and metabolic diseases. The company is looking for industrial diagnostic partners interested in further development (antibodies/kits).

Method to select appropriate patient management in gram-negative infections

(Ref: 11 FI 3010 3L0L)

A group of Finnish researchers has developed a new Real Time PCR method to screen for genes resistant carbapenem antibiotics for identification of patients needing to be treated under isolation conditions in gram-negative (eg. E.coli) infections and those who do not and for determination of appropriate choice of antibiotic therapy in multi-resistant strains. The inventors are looking for industrial partners interested in development of this screening method/assay.

A Medicament for Glaucoma

(Ref: 11 TR 99PD 3LN1)

A Turkish clinical institute has involved in a project of developing of a medicament for glaucoma. The project describes the topical use of a common compound in an ophthalmic solution for the treatment of glaucoma and the relieving of intra-ocular pressure. The institute is preferentially looking for investors for financial resources to commercialize this project through performing required clinical trials. They are also open to technical cooperation opportunities with pharmaceutical companies.

New animal model for arthritic diseases

(Ref: 11 DE 1592 3LL7)

A German research institute has developed an animal drug screening model for arthritic diseases caused by dysfunction of the Hedgehog pathway specifically in chondrocytes. Traditional approaches to the treatment of arthritis are not suitable for long-term use due to side effect issues. The offered model is the first immunological mouse model with an aberrant Hedgehog signaling specifically in chondrocytes. The research institute is searching for licensees.

Serum biomarker for Mitochondrial Respiratory Chain Dysfunction in skeletal muscle which does not require muscle biopsy

(Ref: 11 FI 3010 3L0P)

A Finnish research group has identified a serum biomarker, FGF21 for screening mitochondrial respiratory chain dysfunction in skeletal muscle which does not require muscle biopsy. Supportive in vitro, in vivo and clinical data are available. This biomarker can be measured using ELISA, RIA and other immuno-detection methods as well as with other methods based on direct protein identification. The inventors are looking for industrial partners interested in further development of the assay.

AOX - Gene therapy for common and devastating human diseases

(Ref: 11 FI 3010 3LPN)

A Finnish research group is developing the alternative oxidase, AOX, as a wide-spectrum gene therapy payload for combating a broad range of diseases linked to dysfunction of the mitochondria. AOX provides a gene therapy solution that prevents cell damage caused by oxidative stress. The researchers are looking for research collaboration partners and/or EU funding.

Rapid molecular test kit for Human Papilloma Virus detection

(Ref: 11 IT 55Y2 3LK7)

An Italian company has developed a new and innovative test for very rapid detection of Human Papilloma Virus, the most important cause of cervical cancer and other cancers in 4 hours and 30 minutes. The company is looking for new collaborations with SMEs, hospitals, research centres or other laboratories interested in exploring possibilities of the test.

A Glucose-responsive, Insulin Secreting BRIN-BD11 Cell Line

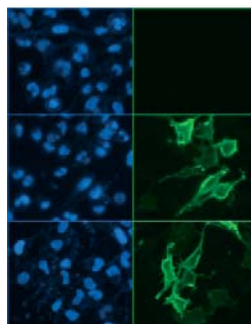
(Ref: 11 GB 39n3 3LLY)

Using cell fusion technology, researchers at a UK university have developed a clonal pancreatic beta-cell line (BRIN-BD11) that is stable and glucose-responsive. The BRIN-BD11 cells possess a fully functional glucose-sensing mechanism and have been shown to exhibit appropriate secretory function and immortality providing for an optimized experimental model for the study of the physiology and patho-physiology of the pancreatic beta-cell. A Technical Cooperation or Licensing Agreement is sought.

A monoclonal antibody for treatment of inflammatory diseases

(Ref: 09 ES 28G2 3CG7)

A public research organisation and a hospital from Spain have developed a high affinity monoclonal antibody to human Dectin-1, a cell receptor regulating the immune response and with a key role in the response to pathogenic fungi. This antibody has a therapeutic potential to regulate inflammation (it inhibits the binding of the natural ligand) and could also be used to diagnose fungal infections. Companies for exclusive or non-exclusive production and marketing of the antibody are sought for.



Bioactive and antibacterial coating for dental implants

(Ref: 11 SI 68CN 3LNR)

Slovenian research institute has developed a process for coating titanium or any titanium-based alloy bone implants with a protective and bioactive coating that can be also produced in a form with antibacterial properties. The powder itself has high specific surface area and is therefore highly soluble in liquid media. The coating is useful especially for dental implants. The institute is looking for industrial partners interested in further development and license agreement.

GIP Peptides for Treatment of Diabetes, Obesity and Related Metabolic Disease

(Ref: 11 GB 39n3 3LNL)

A UK university has secured an extensive patent portfolio of Intellectual Property (IP) covering a range of novel GIP peptide analogues modified at positions 1,2 and 3 as well as their use for a variety of metabolic disorders including diabetes and obesity. An exclusive licensing of this GIP IP portfolio would provide an opportunity to enhance a licensor's existing IP or competitive positioning in this emerging area. A Technical Cooperation Agreement would also be considered.

Insulin-Releasing Human Pancreatic Beta Cell Lines

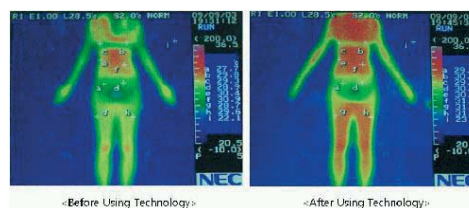
(Ref: 11 GB 39n3 3LLV)

By adapting an approach previously used in the generation of rodent insulin-secreting cells, researchers at a UK university have produced a series of immortal human beta-cells by electrofusion technology. These cell lines are stable in culture and exhibit many functional attributes of human pancreatic beta-cells providing for an unlimited source of human insulin producing cells for basic biochemical studies and pharmacological screening. A Technical Cooperation or License Agreement is sought.

Medical-based rehabilitation fitness equipment and contents

(Ref: 11 KR 9A9E 3LIO)

A Korean company has developed medical-based rehabilitation fitness equipment. The TECHNOLOGY is a combination of sport and medicine, and universally designed so that can be used from children to the elderly, for musculoskeletal disease and cardiovascular disease. The technology will be contributed to rehabilitation, health, and medical savings. The company is looking for industrial partners to licensing agreement, technical cooperation, joint ventures, and investment.



Modified Cholecystinin (CCK-8) Analogues for Treatment of Obesity and/or Type 2 Diabetes

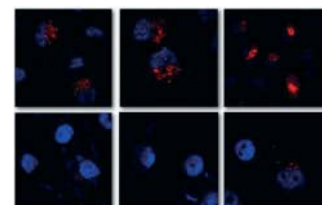
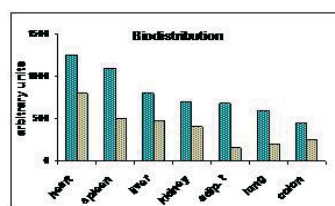
(Ref: 11 GB 39n3 3LNM)

UK university researchers have shown that N-terminally modified CCK-8 analogues possess an enhanced ability to reduce voluntary food intake and body weight when compared with native CCK-8 with an extended duration of action and efficacy in a variety of animal models. There are also notable improvements of blood glucose control, positioning these peptides as a novel class of antiobesity agents with additional antidiabetic actions. Technical cooperation or a License agreement is sought.

Optimization of the therapeutic potential of siRNA by the formation of complexes with plasma components

(Ref: 11 ES 28G2 3LNE)

A public research organisation and a university in Spain have developed a method to improve small interfering RNA (siRNA) cellular uptake, increasing the inhibition of gene expression without any transfecting reagent. This method is based in the dispersion of plasma components in siRNA, using ultrasounds. The complex increases the potential to use siRNAs in the treatment of inflammatory diseases. Pharmaceutical or biotech companies are sought to exploit this technology under a patent licence.



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?

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

NANOTEX 2011 Brokerage event - Nanotechnologies & Organic Electronics



Enterprise Europe Network - Hellas partners PRAXI/HELP-FORWARD Network and CLOTEFI, with the collaboration of HELEXPO SA, provide an opportunity for transnational technology, business and research partnerships in the emerging fields of Nanotechnologies & Organic Electronics by organising a Brokerage Event (B2B) on 13-14 of July 2011.

The Brokerage Event will be organised in the framework of NANOTEX 2011 Expo, the first specialized exhibition on Nanotechnologies & Organic Electronics taking place in Greece, an International Conference on Nanosciences & Nanotechnologies and an International Symposium on Flexible Organic Electronics.

Areas of interest for the Brokerage Event will include:

- Large scale Organic Electronics & Photonics
- Micro & Nanoelectronics
- Nanotechnology in Energy & Environment
- NanoFabrication & Nano-Construction
- Metrology, Equipment & Characterization systems
- Nanotechnology in Agriculture & Food
- Nanotextile
- Nanomedicine
- Nano Biotechnology & Pharmacy

Further Information

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

Date:

13-14 July 2011

City/country:

Thessaloniki, Greece

Sectors:

Biological sciences
Biotechnology
Pharmaceutical/Cosmetics
Medicine/Health
Industrial manufacture
Aerospace technology
Materials technology
Chemical industry
Electronics, microelectronics

Registration:

17 June 2011

Biotechnology Transfer Day: Seoul 2011

EEN-Korea is to organize an international technology brokerage event, "Bio Technology Transfer Day: Seoul 2011", on 28 September, incidental to the "Bio Korea 2011" hosted by the Korea Health Industry Development Institute.

"Bio Korea 2011" will be displayed;

- RED BIO: Bio-organs, Cell therapy, Biopharmaceuticals, etc.
- GREEN BIO: GMO(Genetically Modified Organisms), Health functional food, etc.
- WHITE BIO: Industrial process, Bio energy, etc.
- Convergence Technology: BIO Chip, Bioelectronics, Bioinformatics, etc.
- BIO Equipment: Diagnostic imaging equipment, Analysis instrument, etc.
- Other bio-related professional services: CRO, CMO, CSO, Patents, Law, Finance, Consulting, etc.

The brokerage event aims to provide a meeting point for technology requests and offers between Europe and Korea, as well as opportunities to look around the current and future bio technology trend. Under the auspices of EEN-Korea partner, (DeltaTech-Korea Ltd.), **European participants will benefit from promoting** excellent product, technology, business strategy which company holds and **partnering** for discovering business partners or potential investors through face-to-face meeting point .

It is welcome to the event that any EEN network partners, companies, research institutes, universities across Europe for collaboration and business through aimed-to-agreement bilateral meetings.

Further Information

<http://160.44.251.10/publicwebsite/calendar/viewdetails.cfm?EventID=2732&type=future>

Date:

28 September 2011

City/country:

Seoul, Korea

Sectors:

Biological sciences

Registration:

15 June 2011

International Matchmaking Events

BioBusinessMatching at the BIOTECHNICA

The BioBusinessMatching 2011 is organised by the Enterprise Europe Network and the European project Fit for Health. At the BioBusinessMatching 2011 international decision-makers, scientists and developers from the biotech, pharmaceutical sectors and life sciences can meet in pre-scheduled one-to-one meetings.

During the event you can explore business development opportunities, licensing, patenting, technology transfer, financing, services, strategic alliances, collaborations with research institutes and more.

Reasons to participate:

- Power network with biotech players from around the world (300+ delegates expected).
- Identify new business opportunities.
- Use the online catalogue to screen company profiles and potential collaborators.
- Discover latest trends in the exhibition halls and discuss the latest research findings with distinguished speakers at BIOTECHNICA 2011.

BIOTECHNICA is Europe's leading event for biotechnology and life sciences. Exhibitions, conferences and free forums on innovation, the latest research findings product innovations make BIOTECHNICA 2011 the place to be.

Further Information

www.biobusinessmatching.com

**Date:**

11-13 October 2011

City/country:

Hannover, Germany

Sectors:

Biotechnology

Registration:

20 September 2011

Vegepolys International Business Event

VEGEPOLYS, French cluster specialized on plants breeding and transformation is organizing a two days conference with its local partners, namely Enterprise Europe Network, in order to stimulate european partnerships among companies and research laboratories.

Programme available on www.vegepolys-vibe.eu : key note speeches, round tables, group visits, B to B meetings and many networking activities. Accommodation lunches and gala evening included in registration price (150 €).

Target groups

Production companies or agricultural suppliers, laboratories, engineering and design consultants, distributors, logisticians etc. in the specialised plant sector.

Further Information

<http://www.vegepolys.eu/en/>



Add on vegetal value

Date:

12-13 October 2011

City/country:

Angers, France

Sectors:

Medicine, health
Pharmaceutical
Cosmetics
Agriculture - Forestry

Registration:

31 June 2011



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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