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Technology offer

Use of magnetic nanoparticles to potentiate neurorepair by external magnetic guidance of endothelial progenitor cells

A public research organisation and a public hospital from Spain have generated fully functional endothelial progenitor cells loaded with superparamagnetic particles. They can migrate, under an external magnetic field, through the bloodstream, enter the blood-brain barrier, reach the injured cerebrovascular tissue and secrete angiogenesis factors for re-vascularisation, directly addressing the lack of blood flow.

Pharmaceutical or nanotech companies interested in a patent licence are sought.

3D Online City Modelling - for use in city planning, ageing archaeology research

A North East England SME has created a virtual model of a Large City on two pieces of online software. The company is offering opportunities to build other local environments such as for existing environments to be used to aide research (currently working on ageing, archaeology areas) for business and entertainment events (meetings, conferences, concerts etc)

This technology may be of interest to City planners, researchers, companies from any sector wanting to host meetings or events.

Culture for expanding stem cells ex vivo

An Italian public foundation committed to healthcare and translational medicine has developed a new ex vivo expansion system based on a proper mixture of cytokines in an animal-free medium that defines optimal culture conditions able either to expand and maintain stem cells and to amplify progenitor cells from different cell sources. The Foundation is looking for industrial partners interested in co-development and production of the new system under joint venture and/or technical co-operations.

Mobile system for maintenance and service of railway rolling stock

A company from Western Poland has designed and executed a mobile system for railway rolling stock servicing. It is applicable in servicing any kind of rail vehicles (rolling stock, trams). Its main advantage is gradual increase of service work efficiency. The company is interested in the following types of cooperation: License agreement, Technical co-operation, Manufacturing agreement and Commercial agreement with Technical assistance.

Technology for manufacturing light ceramic mineral tiles

A Ukrainian research center together with a building materials plant developed a new roofing material, roasting free ceramic mineral tile. The tile 6-7 is lighter in weight than classic ceramic tile and more durable and functional than metal tile. Thickness 4-6 mm, weight 5-7.5 kg/m².

An investor or license is required; an investor for creation of a joint venture, a partial modification of the technology, modernization and expansion of the existing plants in Kiev region, establishing sales.

Innovative anti-icing liquid solution for roads and pavements

A small Italian company has developed a new pre-wetting chemical liquid for professional and domestic usage, with several advantages, among the others the prevention of damages to the pavements and metals.

During the cold season, the application of this product in the pre-icing phase allows the creation of a thin layer of liquid that prevents the creation of ice.

The company is looking for industrial partners in order to identify and test new applications.

New vinegar macerated with fruits has good antioxidant properties

An Andalusian Research Group has developed a new group of enological products - wine vinegars aromatized with various fruits. These special vinegars have a high content in polyphenols, which are substances that make them particularly beneficial for consumer health. They are looking for industrial partners interested in technical cooperation and license agreement.

The Future of Ophthalmic Therapeutics: Safe, Non-Invasive, Long-Lasting Micro-Insert Capsules

An Israeli R&D company has developed a technology to solve the problem of deficient and over-invasive therapeutic solutions in ophthalmology. The technology is a simple, refillable, safe implantable microscopic capsule that can access previously unreachable areas of the eye and administer medicine. This cutting-edge technological advancement not only reduces dosage, but also minimizes threats of harmful side effects. The company seeks an R&D partner to further develop the technology.

An Innovative Life-Saving Guide Wire That Safely Navigates Through Chronic, Occluded Coronary Vessels

An Israeli R&D company has developed an innovation in coronary vessel treatment: a 0.014" guide wire that safely navigates where no other wire can, steering through chronic, totally occluded, calcified coronary vessels to properly deliver and implant stents and balloon angioplasties. The company seeks an Industrial R&D partner to further develop and expand its life-saving technology.

Prediction of the shelf life in foods with high level of polyunsaturated fatty acids (PUFAs)

A Spanish public research organisation has developed a method to predict the shelf life of food with high levels (>0.25%) of polyunsaturated fatty acids, such as (fresh or frozen) oily or semi-oily fish, by assessing their susceptibility to lipid oxidation. This method is more reliable than traditional ones that are actually non-predictive methods and are unsuitable for frozen food. Besides, the method is executable as software. License is offered.

Peptide from Lactobacillus with immunomodulatory and anti-inflammatory properties for therapeutic drugs or functional foods

A Spanish research centre and a British university have synthesized by cloning in Lactococcus lactis, a 30 kDa peptide promoting and inhibiting in intestinal dendritic cells and in T- lymphocytes the synthesis of anti- and pro-inflammatory interleukins, respectively. Therefore, the peptide, derived from a protein secreted by Lactobacillus plantarum, can be used to treat Chron disease, ulcerative colitis, pouchitis and celiac disease. Partners are sought for license and development agreements.

Assistive software for people with communication and learning difficulties (dyslexia, dysorthographia, dysgraphia, etc...)

A French SME designs Natural Language Processing (NLP) applications for people with motor or communication disorders in order to assist them in their everyday life. The SME is looking for partners to take these applications further (for example the adaptation of the existing versions into German, Dutch and Arabic). The company is open to commercial agreements with technical assistance and technical co-operation and licence agreements.

Tester for automotive parameters determination of selected elements of car electric installation

A research unit from North-East Poland developed tester for automotive parameters determination of selected elements of car electric installation (12V), that can be used for simultaneous voltage and current measurements in several places of installation. The unit is interested in license agreement, technical cooperation or commercial agreement with technical assistance.

Modern method of surface cleaning with the usage of steam machines

SME from North-East Poland active in selling and technological consultancy in the field of steam machines is interested in taking-up cooperation. The offered - steam cleaning machine is a diesel model, what ensures higher efficiency then three-phase motor and shorter heating time. Additionally, steam usage as a cleaning factor, gives higher cleanness and sterilisation effect. The company looks for any partners interested in commercial agreement with technical assistance.

System for automotive regulation of briquetting machine clamps

Research unit from North-East Poland developed a system for automotive regulation of briquetting machine clamps. The machine has a simple construction, automotive clamps regulation, and it can be used in pellet production of straw. The unit is interested in technical cooperation, manufacturing agreement, commercial agreement with technical assistance.

RFID solutions for improvement of security levels on credit/fidelity cards

A Turkish SME dealing in IT market has developed RFID based solutions to be used in credit cards and fidelity cards to improve security levels. Advantages over other RFID solutions include well penetration capacity to the cards, simultaneous tag communication, larger memory and high transfer rate. The company seeks partners for technical cooperation as well as commercial agreements with technical assistance.

Innovative circulation cooling device based on Peltier cells

A Czech medical university has developed an innovative circulation cooling device based on Peltier cells for laboratory and medical applications. The device enables to set the temperature of fluids with low noise level and with a minimum heat waste. The university is interested in license agreement with companies producing cooling devices for hospitals or biomedical, chemical and food-processing laboratories.

Innovative Real-time B2B, B2E, B2S & B2C On-line Reservation System

A Turkish company developed innovative real-time B2B, B2E, B2S & B2C on-line reservation system for hotels, flights, tours of any kind, transport, ferry, cruises etc. which can take bookings through internet in 23 different languages, including Turkish. This innovative solution will enable partners to expand the business and will bring novelty the way travel-industry is functioning today. The company is looking for technical cooperation, licence agreements and joint venture agreements.

Technology platform for applications in first aid in emergency situations

A Dutch SME offers the technology platform for development of protocolled information that can be presented in voice guided interactive software combined with pictures and movies to make training and actual use simplified and more costs effective. The device will guide users through (emergency) protocols with use of an easy and decision-tree based method. The SME is looking for joint further development of applications based on this technology and also offers technical consultancy.

Technology requests

Production of a specific wire profile

A Flemish SME is looking for a steel profiled wire with specific dimensions, indicated in below fields. The company is looking for an industrial partner for a manufacturing agreement.

Guidance needed concerning the determination of OIT (oxygen induction time)

A Dutch SME is a developer and manufacturer of analytical and laboratory instruments. The company's latests new development concerns a dedicated analytical instrument capable of the task of determining the oxidation stability of materials. The company is looking for additional guidance from experts (both theorists as practitioners) who will be able and willing to offer their advice on one or more issues it is struggling with.

Non-stick coating for protection of instrumentation against residual fuel oil

A Dutch SME in the field of development and manufacturing of instrumentation is looking for a coating that protects a component that will be installed in a residual fuel oil system. The coating is applied for non-stick properties and to protect against corrosion. The company is looking for a partner that can apply and, if necessary, fine tune the coating to their specific needs.

Immersion focused ultrasound transducer

A Finnish spin-off company from the university is looking for an immersion focused ultrasound transducer for their application, which is a diagnostic device. The company has clear specifications for this ultrasound transducer that they are looking for but there are also possibilities for customized features. The company is working in the field of medical diagnostics and their main customers are large international players.

An Innovation in Skin-Tissue Growth: The Safe, Non-Surgical, Natural Skin Expansion Patch

An Israeli medical R&D company has developed the first biochemical innovation to induce dermal-tissue growth in skin-deficient patients. The company seeks international R&D partners to cooperate in developing safe, efficient, inexpensive skin-patch technology.

Looking for Olive Oil Waste Water Treatment Technologies

A Turkish company in environment sector is seeking technologies for olive oil waste water management. The technology sought might be on energy production, waste water treatment or conversion to other products and must be applicable to Turkish olive producers. The technology shall preferably be fully developed, however it can also be on laboratory stage.

Sustainable glue for the furniture and construction industry

A Danish cluster for lifestyle, interior and clothing is looking for a project partner for the development of a sustainable glue for furniture of bamboo or modified wood. The glue should be a sustainable glue, non-toxic and hardening like PU glue. The standard of the glue should be addressing the demands of Cradle to Cradle.

New electronic technologies sought

UK SME with strengths in the manufacture of electronics and systems design seeks to cooperate with partners who have novel or new electronic control and sensor technologies or designs and wish to cooperate to enable these to be successful products.

The technologies requested should be at a stage when they are near to market. Partners are sought who are interested in technical cooperation, commercial partnering on a joint venture or licensing basis.

Photovoltaic system for small houses is requested

A Polish company is looking for systems producing electricity from solar power. Systems are to be installed in small and medium residential buildings, easy to use, and with a possibility to combine with electricity network. Company is looking for solutions that are already on the market.

License agreements, joint ventures, commercial agreement with technical assistance are acceptable.

Technology to improve Computer Numerical Controlled (CNC) machine performances

An Italian company, realizing models and dies for foundry, is interested in the improvement of the performances of the CNC machines used at present in its production process, particularly for machining of wood, resin and aluminum alloys. The company is looking for technologies increasing speed without affecting the accuracy. It is interested in commercial agreements.

Value added textile finishing technology sought

A Turkish SME in chemicals, especially textile chemicals sector, is looking for international cooperation for new methodologies in textile finishing. The company seeks joint development, technical cooperation as well as joint venture. The technology can either be in laboratory stage or fully developed.

New Methods To Achieve Near Zero Buildings

An Andalusian company is looking for a company that proposes a sets of measures adapted to different building types, uses and climates. The company is interested in energy efficiency collaboration.

Request for innovative RNA based therapeutic technologies

A Dutch biopharmaceutical company focused on the discovery, development and commercialization of RNA modulating therapeutics targets for genetic disorders with a large unmet medical need.

They have a unique proprietary technology platform, which employs single-stranded RNA-based antisense oligonucleotides (AONs) to correct mutated mRNA causing life threatening disorders.

The company is looking for technologies and further disease cases for the development of RNA based therapeutics.