

biosaxony Newsletter **December 2008**

Ladies and Gentlemen:

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Dear Readers:

For 14 years, BIOEurope has taken place at various locations in Germany and enjoys growing popularity thanks to professional organization: This year, plus 2,400 visitors met at the partnering conference held November 17 – 19 in Mannheim. biosaxony was there, too, in order to make contacts with various representatives of the finance and biotechnology industries in multifaceted discussions and workshops, but also in individual meetings. The worldwide financial crisis and its consequences for the biotechnology industry was topic number 1 also on BIOEurope. The moods of investors and capital-seeking businesses were restrained, but basically no participant saw reason to be pessimistic: It has never been easy in the past years to acquire capital for innovative biotech business ideas.

Interesting that above all the pharmaceutical industry was basically optimistic: The access to new technologies and the need for new products must not be affected, but rather need to be increased further. The figures recently presented by the Stifterverband für die Deutsche Wissenschaft confirm that investments in R&D are the best economic stimulus package. The R&D expenditure, according to the plans of the businesses, have been 56.8 billion euros in 2008 – a value that is planned to be increased by further 5 % in 2009. Until present, the biotechs have been more active than the Germany-wide average: In 2007, the R&D expenditure reached one billion euros for the first time, a plus of 8 % compared with the previous year. For 2009, the BMBF will be provided with round about 854 million euros more than in the previous year: The Department, among other things, wants to strengthen its project funding for medium-sized businesses in biotechnology and production technology.

With so much zest for action, we, too, are looking forward optimistically to a dynamic biotechnology year 2009 and wish you and your family a Joyous Quiet Christmas and a Happy New Year!

Martin Pfister & the biosaxony team

ECONOMY

SHS and KfW invest in growth business c-LEcta GmbH

SHS Gesellschaft für Beteiligungsmanagement invests in the Leipzig c-LEcta GmbH. Kreditanstalt für Wiederaufbau (KfW) takes part as a co-investor. By the capital increase, c-LEcta plans to develop further own products up to readiness for marketing and to expand internationally.

Together with industrial partners such as Clariant or BAS, c-Lecta's research team is developing enzymes that can be used for the manufacture of pharmaceuticals and food production, the same way as for the chemical industry. Most recent example: Enzymes that prevent acrylamide formation in heat-treated food such as coffee or cornflakes.

"We are glad that we are growing further in spite of the financial crisis, thanks to our investors, and that we are able to develop additional markets. Currently, we have quite a number of value adding enzyme products in our development pipeline," so Mr. Marc Struhalla's, founder and CEO of c-LEcta GmbH, comment on the capital increase. Mr. Marc Struhalla and Mr. Thomas Greiner Stöffele, the two founders of the business, will remain the main shareholders.

<http://www.bio-city-leipzig.de/news-de/1081110-pi-shs-c-lecta-dt.pdf>

Pharmatec GmbH: Construction work for the new competence center started

The construction work for Pharmatec GmbH's pharmaceutical and biotechnological competence center has started. Pharmatec, a subsidiary of Robert Bosch GmbH, bought approximately 18,000 square meters of the total wasteland of the former Heeresbäckerei (bakery) in Dresden for this.

"I am glad about the start of the construction work of Pharmatec on the site on Königsbrücker Straße. By the development of this area, we remove the waste land and prove the attractiveness of the Dresden business location for future technologies", Mr. Dirk Hilbert, the Dresden Mayor of Economic Affairs, says gladly. On other parts of the wasteland, the extension building of the municipal archive (former floor mill), a central parking and a green-space biotope will be developed.

www.dresden.de/de/02/035/01/2008/11/pm_053.php?print

Partec GmbH - Winner of the "365 Orte im Land der Ideen" (365 Places in the Country of Ideas) competition

The biotech business Partec GmbH is a winner of the "365 Orte im Land der Ideen" (365 Places in the Country of Ideas) competition. By the „Mobile medizinische Hilfe – auf Entwicklungsländer zugeschnittene Diagnosegeräte bekämpfen Krankheiten“ (Mobile Medical Aid – Diagnosing Apparatuses Tailor-Made for Developing Countries Are Fighting Diseases“ project, prevailed over more than 2,000 competitors. In 2008, approximately 2.5 million examinations with more than one million HIV/AIDS patients were done by means of their self-developed "CyFlow" technology. The Partec innovation was able to decrease the application cost from former 160 euros per year and patient by the factor 20. A jury of eighteen, with Prof. Martin Roth, CEO of Staatliche Kunstsammlungen Dresden (State Art Collections), presiding, elected a total of 365 winners. They will be honored under the patronage of the President of

the Federal Republic of Germany, Dr. Horst Köhler, who will be the 2009 ambassador of the “Deutschland – Land der Ideen“ (Germany – Land of Ideas) initiative.

[www.land-der-ideen.de/CDA/aktuelles - detail,933,0,newsid-12989,de.html](http://www.land-der-ideen.de/CDA/aktuelles_-_detail,933,0,newsid-12989,de.html)
and www.biosaxony.de

InteRNA Technologies and Cenix BioScience GmbH to start research agreement

Cenix BioScience GmbH and the Dutch business InteRNA Technologies B.V. have announced a joint research agreement on pharmaceuticals research. By the cooperation, both businesses expect success on the field of cancer management.

www.cenix-bioscience.com/index.php?id=pr&lid=30&plg=en

ACEOS GmbH: New version of the “ACE-DXmed“ module presented

At Medica trade fair in Düsseldorf, the Dresden business ACEOS GmbH presented a new version of its “ACE-DXmed“ electronic module for measuring the oxygen and carbon dioxide concentration in breathing gas. Within a few milliseconds, it would calculate the oxygen and carbon dioxide concentration of every breath, either simultaneously or real-time. The measuring properties and the sensor housing of the module were optimized among other things. The module can be installed in spiroergometry systems, respirators and lung function apparatuses, or in patient monitoring systems.

www.aceos.net/index.php?id=26&L=0

Vita 34 GmbH: Pilot project has proved its worth

The pilot project of the Leipzig business Vita 34 GmbH has proved its worth after one year of practical experience: Umbilical blood storing for own prevention and donation of umbilical blood can be combined. This combination is now used by 270 parents. Vita 34 and the Norddeutsche Knochenmark- und Stammzellenspendenregister (NKR) (North German Bone Marrow and Stem Cell Donation Register) in Hanover are cooperating on this pilot project.

www.vita34.de/vita/de/presse/pressemitteilung.php?f=2008-11-20

Application phase for IQ Innovationspreise (Innovative Prizes) started

Business and institutions from Leipzig may apply for the *IQ Innovationspreis Leipzig* (IQ Innovation Prize). It will award a prize of 5,000 euros to the best technology-orientated innovation. The Leipzig Stiftung für Innovation und Technologietransfer (Foundation of Innovation and Technology Transfer) initiated the competition and it is being implemented within the umbrella brand *IQ Innovationspreis Mitteldeutschland* (IQ Innovation Prize Central Germany).

In addition, entrepreneurs, founders, scientists and students with their innovation may apply for the *IQ Innovationspreis Mitteldeutschland* prize. The prerequisite for the participation is that they belong to the Central German clusters of automotive, biotechnology – life sciences (including optics and medical technology),

chemistry/plastics, nutrition, energy/environment and information technology (IT). The IQ Innovationspreis Mitteldeutschland is funded with a total of 60,000 euros. For both prizes, applications will be possible until **March 15, 2009**.

www.iq-mitteldeutschland.de

DIB has a new president

Dr. Stefan Marcinowski is the new president of Deutsche Industrievereinigung Biotechnologie (DIB) (German Association of Biotechnology Industries). He continues the office of Dr. Bernward Garthoff that is passed on every three years on a rotational basis. The association, in the Verband der Chemischen Industrie (Association of Chemical Industry) represents the interests of the biotechnology businesses and trade associations. Dr. Marcinowski has been a board member of BASF SE and a member of Max Planck Society since 2002.

www.bionity.com/news/d/89857/

Recruitment – current job offers

Partec GmbH in Görlitz wants (among others)

...a female Technical Laboratory Assistant for quality and final control of flow cytometers. The functions include trial measurements, tuning and faultfinding. Manual skills, reliability, sense of responsibility, care and responsible way of working is expected. Conditions: 40 hours a week, location of assignment Görlitz, remuneration on agreement

http://www.partec.com/preview/cms/front_content.php?idcat=344

Medici Apotheke (Pharmacy) in Leipzig wants

...a qualified person (QP) for a newly established laboratory focused on making fluid pharmaceutical forms in the area of oncology.

<http://www.medikanet.de/>

bubbles und beyond wants...

... a Chemist or Scientist for the making and application of microemulsions, as well as work on adjacent areas. In the ideal case, you are familiar with one or several of the topics cleaning agents, cosmetics and/or pharmaceutical applications.

... a Laboratory Employee – The functions of the classical laboratory operations are familiar to you and you are looking for a challenge of a dynamic field of study?

<http://www.bubbles-beyond.com/informationen/sub/karriere.html>

APOGEPHA Arzneimittel GmbH wants (among others)

.... Head of Technology for the technical attendance to all production areas and adjacent areas und compliance with and further development of the technical standards of the buildings and equipment. The applicants are expected to have

knowledge on electric technology, well-founded EDP user knowledge, leader experience, creativity and solution-orientated way of acting.

<http://www.apogepha.de/de/unternehmen/karriere-bei-apogepha/stellenangebote.html#c5818>

VITA 34 wants...

.... a Scientist on the field of biology, biochemistry or biotechnology as a cooperation partner for the University of Leipzig for a new research project on the field of stem cell biology and regenerative medicine, with opportunity to write the doctoral thesis.

<http://www.vita34.de/vita/de/jobs.php?navanchor=2110019>

SCIENCE & EDUCATION

Successful transplantation of islet cells from the pancreas

Carl Gustav Carus University Hospital in Dresden for the first time performed a transplantation of islet cells from a pancreas. The 51 year-old female patient suffering from diabetes type 1 since her childhood is now forming her own insulin. Two years of preparatory work at the university hospital and the Medical Faculty of the Technical University of Dresden were required for the transplantation. The transplantation at the Dresden Hospital was the first in this year in Germany.

www.crt-dresden.de/index.php?id=19&L=1

Junior scientist awarded with Behnken Berger Prize

The 29 year-old junior scientist Dr. rer. medic. Ala Yaromina received that Behnken Berger Prize 2007 on the 15th Annual Meeting of Berlin Brandenburgische Gesellschaft für Nuklearmedizin (Berlin Brandenburg Society of Nuclear Medicine). She was awarded the prize for her research work at „Zentrum für Innovationskompetenz für Medizinische Strahlenforschung in der Onkologie – OncoRay“ (Center for Radiation Research in Oncology). The prize is funded with 5,000 euros.

http://tu-dresden.de/die_tu_dresden/fakultaeten/medizinische_fakultaet/news/news-20081125-behnen_berger_preis/newsarticle_view

Funding confirmed for further four years

Sonderforschungsbereich (SFB) (Special Research Area) named 610 "Protein-Zustände mit zellbiologischer und medizinischer Relevanz" (Variation in Protein Conformation: Cellbiological and Pathological Relevance) was confirmed further funding for the next four years. "DFG and external experts confirmed that the SFB has done excellent work during the past eight years", so the Leipzig University. The SFB studies the structure and function of proteins.

http://db.uni-leipzig.de/aktuell/index.php?modus=pmanzeige&pm_id=3186

Exhibition on biology and technology opened

Naturkundemuseum (Museum of Natural Sciences) Görlitz at this time is exhibiting a special exhibition under the motto "Inspiration Natur – Patentwerkstatt Bionik" (Inspiration Nature – Bionics Patent Workshop). The exhibition shows examples from nature that have contributed to the development of new materials or technologies. For example, the self-cleaning surface of the lotus plant or the hook-and-loop fastener is presented. The exhibition can be visited until March 29, 2009 and is suitable for 7 graders and up.

www.naturkundemuseum-goerlitz.de/index.php?id=deutsch

Tip: Information on the Scientific Year 2009

2009 is all about science. The Science Year 2009 is under the motto "Forschungsexpedition Deutschland" (Research Expedition Germany) and notably deals with 60 years of research in Germany. Info on the program is available on the Internet at www.forschungsexpedition.de.

FUNDING

FEDERAL DEPARTMENT OF EDUCATION AND RESEARCH: Funding the research into microorganisms

In the scope of “Biotechnologie – Chancen nutzen und gestalten“ (Biotechnology – Use and Design Chances), the Federal Department of Education and Research (BMBF) funds the application-orientated research into microorganisms on the fields of health, nutrition and industrial applications. Research into human and animal pathogenic microorganisms is excluded. The funding aims at comprehensive analyses of the functions of the microorganisms’ genomes and their metabolism. Project sketches may be submitted on or before **January 15, 2009**.

www.bmbf.de/foerderungen/13117.php

FEDERAL DEPARTMENT OF EDUCATION AND RESEARCH: German Indian cooperation enables funding

German scientists of public or private research institutes or German businesses respectively may file applications for funding based on scientific and technological cooperation between India and Germany (BMBF in this case) if they jointly research on the field of life sciences, among others. This includes biotechnology, genomics, proteomics, as well as synthetic biotechnology. Applications on or before **January 1, 2009**.

www.bmbf.de/foerderungen/13103.php

FEDERAL DEPARTMENT OF EDUCATION AND RESEARCH: Support to small and medium-sized businesses

By the Eurostars funding program, the Federal Department of Education and Research (BMBF) enables support above all to small and medium-sized enterprises (SME) doing research. Such research and development work will be funded that generate a novel product, process or service with civil purpose. The prerequisites include that the project coordination is performed by a SME and the applicants come from minimum two different countries participating in Eurostars (refer to tender). The results of the research shall be marketed maximum two years upon the end; the clinical studies shall start after two years with regard to biomedicine/medicine. SMEs, universities and extrauniversity research institutes may file applications. Detailed info on the Eurostars funding program available at www.eurostars-eureka.eu or www.dlr.de/EUREKA.

Eurostars is a part of EUREKA European Research Initiative.

www.bmbf.de/foerderungen/13152.php

FEDERAL DEPARTMENT OF ECONOMIC AFFAIRS: New funding program for East Germany

The Federal Department of Economic has founded a new funding program – the Innovation Competence East – in short INNO-Kom-Ost. It aims at strengthening the innovation power in the New Federal States. The program, in the first line, is addressed to nonprofit and legally independent research institutes. For example, preliminary research and market-orientated research and development projects will be eligible. Applications for funding may be submitted to EuroNorm GmbH. The deadlines are: March 31, June 30, September 30 and December 31, 2009.

www.euronorm.de/inno-kom/IKOM_index.php?navanchor=1710010

Funding for research in the New Federal States

Mr. Wolfgang Tiefensee, representative of the Federal Government for the New Federal States and a Federal Secretary, is in favor of the decision of the Budget Committee of the German Bundestag to provide ten million euros for research in the New Federal States in 2009. The funding is planned for investments of nonprofit, external, industrial research institutes.

www.bmvbs.de/Presse/Pressemitteilungen-,1632.1059173/Tiefensee-Mehr-Geld-fuer-Forsch.htm?global.back=/Presse/-%2c1632%2c0/Pressemitteilungen.htm%3fink%3dbmv_liste%26link.sKategorie%3d

FEDERAL DEPARTMENT OF EDUCATION AND RESEARCH: More investments for education and research

The budget of the Federal Department of Education and Research (BMBF) will provide more money for education and research in the year to come. “We, just in economically difficult years, must invest in education and research in order to be prepared for the future in the global competition,” the Federal Secretary of Education and Research, Dr. Annette Schavan. So the BMBF will have approximately 854 million euros more than in the previous year. This way, the BMBF budget will grow to 10.204 billion euros in 2009. “On top of the Government’s draft for the federal budget 2009, the Budget Committee provides a 200 million euros package for education and research,” so the Department. It plans supporting the small and medium-sized businesses with regard to biotechnology and production technology. Further focuses, for example, are research on the aging society and health.

www.bmbf.de/media/press/pm_20081121-207.pdf

EVENTS, FAIRS, CONGRESSESIn Saxony (January 2008)

January 8, 2009 – Dresden: trail study at the TU Dresden – <http://tu-dresden.de/schnupperstudium>

January 14, 2009 – Leipzig: initial aid for funders of new businesses – event for the support program EXISTS of Projektträger Jülich and the financing of high-tech foundation. With ambassadors of the HTGF.

<http://www.uni-leipzig.de/bbz/nachrichten.html>

January 22 – 24, 2009 – Leipzig, Germany: ANIM 2009 – seminar for neurological intensive care and emergency medicine www.akmcongress.com/anim2009

January 23 – 25, 2009 – Dresden: cardiovascular days of Dresden – www.dhkt.de

In Germany and Worldwide (January/ February 2008)

January 21, 2009 – Munich, Germany: ScieCon Munich 2009, company contact fair - www.sciecon.info

January 22 – 24, 2009 – Leipzig, Germany: ANIM 2009 – seminar for neurological intensive care and emergency medicine www.akmcongress.com/anim2009

Outlook (February until July 2009)

February 2 – 3, 2009 – Lisbon, Portugal: EuroPLX 39, platform of international exchange in the fields of pharmaceutical – and biopharmaceutical-companies www.europlx.com

February 6 – 9, 2009 – Linz, Austria: XI. Annual Linz Winter Workshop, Advances in Single-Molecule Research for Biology & Nanoscience – www.biophysics.jku.at/e2926/e2927/index_eng.html

February 8 – 11, 2009 – Zurich, Switzerland: LogP2009 - PhysChem and ADMET Profiling in Drug Research – www.pharma.ethz.ch/logp2009/

February 10, 2009 – Wiesbaden: Digital Pharma & Life Sciences conference 2009 – www.microsoft.com/germany/branchen/pharma/digital-pharma/konferenz2009/default.aspx

February 18 – 20, 2009 – Tokio, Japan: nano tech - International Nanotechnology Exhibition & Conference – www.ics-inc.co.jp/nanotech

February 19 – 20, 2009 – Erfurt, Germany: 5th international technology transfer days "Biomaterial 2009" – www.biomaterial2009.de

February 24 – 25, 2009 – Berlin: SCREENING EUROPE, Medchem EUROPE and ADMET Europe, conference – www.selectbiosciences.com/conferences/SE_MED_AD09/index.aspx

February 27 – 28, 2009 – 4th saxon advanced training progress for Fortbildungskongress für nephrology & child nephrology – www.leipziger-kubus.ufz.de/index.php?de=15319#122008

March 2 – 3, 2009 – Lisbon, Portugal: EuroPLX39 – cooperation with generics, bio – generics, OTC – pharmaceuticals, dietary supplements; international platform for pharmaceutical and biopharmaceutical companies www.europplx.com/eplx/set.htm

March 4 – 6, 2009 – Berlin, Germany: NanoMed 2009, 6th International Conference on Biomedical Applications of Nanotechnology – <http://nm09.nanoevents.de>

March 11 – 13, 2009 – Weimar, Germany: 42nd annual meeting of german catalytics – www.processnet.org/katalytiker09

March 13 – 15, 2009 – Dresden, Germany: active + vital 2009, the health & wellness exhibition www.messe-dresden.de/deutsch/termine/messen---veranstaltungen/2009/aktiv---vital-2009/index.html

March 18, 2009 – Stuttgart: T5 Job fair of healthcare branch – www.t5-futures.de/cms/front_content.php

March 18 – 19, 2009 – Munich, Germany: Forum Life Science 2009; congress – www.bayern-innovativ.de/fls2009

March 18 – 20, 2009 – Vietnam: analytica Vietnam 2009 – www.analyticavietnam.com

March 19 – 21, 2009 – Leipzig: therapy Leipzig, congress – www.therapie-leipzig.de

March 29 - April 2, 2009 – Berlin, Germany: Proteomics Forum 2009 – www.ctw-congress.de/proteomicforum2009

April 9 – 11, 2009 – Beijing, China: CISILE 2009 - The 7th China International Scientific Instrument and Laboratory Equipment Exhibition – www.cisile.com.cn/bjlp/kxyq/index.htm

April 22 – 25, 2009 – Leipzig, Germany: 47th annual conference of the German Society for Nuclear Medicine www.nuklearmedizin2009.de

May 9 – 12, 2009 – Leipzig, Germany: German anaesthesia congress 2009 (DAC) – www.dac2009.de

May 11 – 15, 2009 – Frankfurt a.M., Germany:ACHEMA 2009 – 29th international exhibition congress for chemistry, techniques, environment protection and biotechnology - www.achema.de

May 20 – 23, 2009 – Leipzig, Germany: 44th annual conference of the German Society for Diabetes (DDG) www.deutsche-diabetes-gesellschaft.de/jahrestagung2009

May 26 – 27, 2009 – Dresden, Germany: Nanofair - 7th international nanotechnology symposium - www.vdi-wissensforum.de/index.php?id=769

June 1 – 3, 200 – Shanghai, China: Biotechnica China 2009 International Trade Fair & Congress for Biotechnology – www.biotechnica.de/41195

June 15 – 16, 2009 – Stockholm, Sweden - 12th Annual Conference of the European BioSafety Association – www.ebsaweb.eu/EBSA_12

July 12 – 17, 2009 – 11th international congress of the European Association for Veterinary Pharmacology and Toxicology EAVPT – www.eavpt2009.de

Further event notes you can find on the homepage of www.biosaxony.de under the category events.

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