

biosaxony Newsletter

July 2009

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Dear Readers:

Perhaps you are reading this newsletter on your well-deserved vacation in a beer garden. Perhaps you are shortening the waiting time until your vacation starts. One of the oldest biotechnological processes, the brewing of beer, is now getting additional knowledge from the genetic research: How the taste of beer becomes bitter. As published on the *Chemosensory Reception* journal, researchers of the Technical University of Munich discovered how the specific bitter taste develops on the tongue. Obviously there are three receptors reporting the bitter taste to the brain and thus provide for the treat: hTAS2R1, hTAS2R14 and hTAS2R40 – exactly fitting on individual bitter substances of hop. This lab experiment alone, however, has not yet given an answer on what happens in the mouth of the beer drinker. Experiments with trained tasters showed that their gustative nerves reacted more insensitively on the bitter substances than the sensor cells in the test glass. Mass-spectrometric analyses of samples from within the mouth following beer drinking explain this: Obviously, on drinking, a part of the bitter substances would be absorbed by the oral mucosa and the saliva protein. This would lower the effective concentration of bitter substances in the mouth based on the activation of the three bitter receptors.

Enjoy it, get well into the summer and read what happened in the biotechnology industry in Saxony.

Your biosaxony Team

ECONOMY

The Partec biotechnology business celebrates an anniversary

2009 is the 40th anniversary of the presentation of the worldwide first flow cytometer from Partec GmbH. Professor Dr. Wolfgang Göhde had the fluorescence-based flow cytometer patented as early as in 1968. It serves the automated differentiation and counting of cells and microparticles down to the nanoscale. Ever since, this technology has belonged to the standard equipment for e.g. immunology, hematology and cancer cell diagnostics in hospitals and research institutes.

<http://www.bionity.com/news/d/102357/>

Dresden Biotech StartUp “nanometis” is a winner both of the Science4Life Venture Cup 2009 and futureSAX 2009

nanometis, a much promising spin-off project of the Biotechnological Center at the Technical University of Dresden could register not just one but two prizes on business plan competitions: On the Science4Life Venture Cup, the Germany-wide biggest competition in the life science and chemistry industry, nanometis was awarded the 2nd prize and 10,000 euros. They thus convinced the jury against other 47 business plans submitted and prepared in detail. nanometis, on the Saxony-wide competition futureSAX 2009, achieved the 1st prize and 15,000 euros.

<http://biosaxony.com/biosaxony/news/nanometis-gewinner>

Bioplanta a winner of IQ-Innovationspreis MittelGermany (IQ Innovation Prize Central Germany) in the Cluster Biotechnology - Life Science 2009

The 5th IQ Innovationspreis MittelGermany (IQ Innovation Prize Central Germany) was awarded before more than 300 attendees from economy, politics, science and media at Stiftung Moritzburg (Moritzburg Foundation) in Halle/Saale. Bioplanta, domiciled at BIO CITY LEIPZIG, was awarded the 1st prize for their technology for the individual production of phyto agents in biofactories. With their incubator-like system, the business is able to produce approximately 10.4 million plants on 40 m². These are ingredients for which approximately 31 hectares would normally be needed.

The overall victory of the competition in which businesses from Saxony, Sachsen-Anhalt and Thuringia participated went to Analytik Jena AG for the development of a diagnostic rapid test. It is able to identify pathogens in ticks that may cause dangerous infections in humans. By the combination of several technological novelties, the test can be performed with minimal appliances even in small laboratories and medical offices.

<http://biosaxony.com/biosaxony/news/newsarchiv/analytik-jena-gewinnt-iq-innovationspreis>

M&A trends in the pharma and biotech industry, Frost & Sullivan analysis

The image of the pharmaceutical industry of the last decade has been influenced by a flood of mergers and takeovers. This development has now assumed vast proportions again in the first six months of 2009, because the consolidation has been significantly driven forward by four mega deals.

Another development has now become apparent in the industry: The increasing focusing of the pharmaceutical giants on biotech. The revenue models of the groups have been changing: Away from the established blockbuster model to the so-called "niche busters", i.e. me-

dicaments directed to small target markets. Biologicals have got immense chances on big growth markets such as oncology, autoimmune diseases or CNS.

<http://biosaxony.com/biosaxony/news/m-und-a-trends-in-der-pharma-und-biotech-branche-frost-und-sullivan-analyse>

More start-ups in Germany in spite of the crisis

Start-ups obviously are not impressed by the bad mood in the German economy: The number of new business start-ups increased to 181,700 in the first quarter, according to calculations of the Statistisches Bundesamt (Federal Statistical Office). This is plus two percent compared with the first quarter of the previous year, as the agency published in Wiesbaden. The number of bigger start-ups increased by 3.7 percent to 41,700, as stated in the publication.

<http://biosaxony.com/biosaxony/news/trotz-krise-mehr-unternehmensgruendungen-in-Germany>

JOB OFFERS

The Dresden biotechnology business **Cenix BioScience GmbH** wants a Scientist (Technical Research Assistant in vivo RNAi Unit). Details at <http://www.cenix-bioscience.com/index.php?lg=en&id=careers&pos=1>

The newly founded Leipzig business **Black Swan Pharmaceuticals** wants several employees – from the Head of Biology to Scientists and Assistants on the Fields of Biology and Chemistry. Details at <http://www.blackswanpharma.com/career.html>

The Leipzig **VITA 34 AG** wants a Working Student for Marketing / PR. Knowledge on marketing, PR or journalism is desired. In addition, an Adviser in the gynecological field service is wanted. Details at <http://www.vita34.de/vita/de/jobs.php?navanchor=2110019>

The Leipzig **EuroGene GmbH** wants a Lecturer Adjustment Qualification for the fields of biotechnology, molecular genetics, cytogenetics and medicine (prevention, regeneration); a self-employed or freelance Placement Agent and a Cytogenetics Employee. Details at <http://www.euro-gene.de/unternehmen/karriere.html>

The Leipzig **Helmholtz-Zentrum für Umweltforschung GmbH** wants a postgraduate for the field of isotope biogeochemistry. Details at <http://www.ufz.de/index.php?de=11426>

The Dresden **MPI-CBG** (Max Planck Institute of Molecular Cell Biology and Genetics) offers various positions: a Research Team Leader, a Project Manager, a Scientist. Details at <http://www.mpi-cbg.de/nc/de/institute/jobs.html>

SCIENCE & EDUCATION

Joint project Leipzig – Dresden: DFG is funding research and development of functional biomaterials

The research and development of functional biomaterials for controlling healing processes in bones and skin tissues is a joint project of the Technical University of Dresden and the University of Leipzig. It will be funded from July 2009 by the Deutsche Forschungsgemeinschaft (German Research Foundation; DFG) as “Transregio-Sonderforschungsbereich 67” (“Trans-regional Collaborative Research Center 67”) for four years at first. The scientists involved hope that healing of wounds following bone and skin injury can be accelerated and improved by the new materials. This is notably important for the implantation and transplantation medicine.

http://tu-dresden.de/aktuelles/news/biomaterialien/newsarticle_view

Transfer of FZD Rossendorf to Helmholtz Association (HGF) sealed by signature

The consortium agreement between the Federal Republic of Germany and the Free State of Saxony was executed on June 22 in a ceremony at the Research Center Dresden-Rossendorf. This agreement provides for the transfer of the FZD from the Leibniz to the Helmholtz Association in early 2011. By this, the financing key for the HGF centers of 90 percent from the Federal Republic and 10 percent from the Federal State will become applicable (present financing key: 50 : 50). The new Helmholtz Center will have an annual budget of just above 70 million euros and employ approximately 750 people.

The President of the Leibniz Association, Prof. Rietschel, appreciated the dynamic of the German scientific system: "The quick and uncomplicated transfer of the FZD from the Leibniz Association to the Helmholtz Association is an evidence for the flexibility of the German scientific system. Its structures are not carved in stone, but allows for research institutes changing their organizational allocation if it serves the local science."

<http://www.fzd.de/db/Cms?pOid=28830&pNid=473>

The development biologist Elisabeth Knust new DFG Vice President

The 58 year-old development biologist at the Max Planck Institute of Molecular Cell Biology and Genetics is researching, among other things, which factors lead to the dieback of photoreceptor cells in the eye. She was elected a committee member of DFG on July 1, 2009 and above all wants to play a part in the discussion about the best-possible instruments of research funding. "We cannot sit back and say that we achieved what is possible to be achieved by the excellence initiative, so Ms. Knust. The individual, creative scientist is needed now as before the same way as research clusters are needed.

The DFG as the central self-administration organization of the German research institutes and associations are provided with 2.3 billion euros from the Federal Republic and the Federal States on the distribution of which she will decide in future.

<http://biosaxony.com/biosaxony/news/elisabeth-knust>

Dresden junior researcher receives scholarship from the European Society of Anaesthesiology

The “European Society of Anaesthesiology“ (ESA), on their annual meeting at Milan, Italy, granted research scholarships to committed junior scientists. Dr. Martin Damm, an employee of the Clinic of Anaesthesiology and Intensive Medicine of the Carl Gustav Carus University Hospital could prevail over 30 applicants in the competition. His research deals with the protection of the heart tissue following an infarction. The scientist has been provided with 15,000 euros for his research in the next two years.

http://tu-dresden.de/die_tu_dresden/fakultaeten/medizinische_fakultaet/news/archive/2009/news-20090604-esagrant/newsarticle_view

Of mice and human evolution

Mr. Wolfgang Enard of Leipzig Max Planck Institute for Evolutionary Anthropology, together with an international research team, created an important basis for understanding the human evolution. For the first time, the researchers were able to develop a mouse model by which evolutionary aspects of the speech can be reconstructed. The mice studied carried the human variant of the FOXP2 gene. FOXP2 so far is the only gene that is well associated with the human faculty of speech, because there were obvious changes during the human evolution: During the more than 100 million years of evolution that separates rodents from primates, there was only one unique change of amino acid in the FOXP2 protein, in the last six million years of human evolution, however, as much as two.

Based on changes in the neuronal circuits of the basal ganglia in mice studied Mr. Enard suggests “... that the human FOXP2 gene causes better coordination of the muscles required for speech”.

www.mpg.de/bilderBerichteDokumente/dokumentation/pressemitteilungen/2009/pressemitteilung200806192/index.html

Dresdeners awarded a prize by the Dachverband deutscher Radioonkologen (Umbrella Organization of German Radiooncologists)

The DEGRO, on their annual meeting in Bremen, awarded two prizes to Dresden scientists of the Clinic of Radiation Therapy and the OncoRay Center. PD Dr. med. Mechthild Krause was awarded the Hermann Holthusen Prize. Dr. med. Kristin Gurtner got the Dissertation Prize offered for the first time. Both are researching on the field of the combined radiation therapy. There, the patients are treated with medicaments that impede the factors responsible for the cell growth and survival in the tumor cell purposefully, in addition to radiation.

http://tu-dresden.de/die_tu_dresden/fakultaeten/medizinische_fakultaet/news/archive/2009/news-20090615-forschungspreise/newsarticle_view

Frank Buchholz and Joachim Hauber receive HIV/AIDS Research Prize 2009

The HIV/AIDS research prize worth 20,000 euros from H.W. & J. Hector-Stiftung (Foundation) was awarded on June 25, 2009 to Mr. Frank Buchholz of MPI-CBG in Dresden and Prof. Joachim Hauber of Heinrich Pette Institute in Hamburg. The researchers were honored for their joint work on the removal of HIV-1 from infected cells.

The HI virus would smuggle its genetic material into the DNA of autochthonous cells. The immunocytes would then produce the pathogens and cause their own destruction according

to this blueprint. Buchholz and Hauber have been the first to cut the genetic HIV material out of the human genetic material again. To this end, by means of genetic engineering, a special genetic recombination was performed, an enzyme that works like molecular scissors.

The Federal Ministry of Education and Research (BMBF) is now going to fund the project further in the scope of the GO-Bio initiative "Eradication of Proviral HIV-1 DNA from Patient Cells", for three years, with 2.2 million euros. The objective is to develop a marketable product.

<http://www.mpi-cbg.de/de/news/news-overview/news-details/article/frank-buchholz-and-joachim-hauber-receive-hiv-aids-research-award-2009/12.html>

"Interneuro" Graduate College of the University of Leipzig successful

The Graduate College "Interneuro - Interdisziplinäre Ansätze in den zellulären Neurowissenschaften" (Interdisciplinary Approaches in Cellular Neuroscience) will be funded further by the Deutsche Forschungsgemeinschaft (German Research Foundation) in the next four years and six months by 2.30 million euros in total. Early in this year, the professors and junior scientists of the University of Leipzig struggled for further funding. The Saxon Minister of Science, Dr. Eva-Maria Stange congratulated: "This success can be regard a concept of the special efforts of the University of Leipzig for the promotion of postgraduates and at the same time the international visibility of the research location of Leipzig on the biomedical field."

http://www.zv.uni-leipzig.de/?id=674&ifab_modus=pmanzeige&ifab_id=3404

Physicist Prof. Dr. Stefan Mayr the first TRM professor

As a professor on the research field of "Tissue Engineering and Material Sciences", Prof. Dr. Stefan Mayr has been appointed to the Translational Center for Regenerative Medicine (TRM) Leipzig. The 36 year-old physicist, formerly a junior professor in Göttingen, will be doing research in Leipzig on novel "smart materials", notably magnetic shape memory alloys for medical application.

<http://www.bio-city-leipzig.de/pm-trm-mayr.pdf>

Interdisciplinary tissue engineering: Tailor-made bone substitute

Dresden scientists, at the TECHTEXTIL fair in Frankfurt am Main, presented an alternative for the body's own bone substance. By the help of the tissue engineering, breeding of bone substance is stimulated on a textile carrier structure, the so-called scaffold. This scaffold, in terms of geometry and configuration, complies with the piece of bone to be replaced. Living cells can be cultivated and grown on it. By the "Net Shape Nonwoven" (NSN) technology developed at the Institute of Textile and Apparel Technology (ITB) of the Technical University of Dresden, the production of the scaffold required becomes possible directly.

<http://www.bionity.com/news/d/102085/>

Researchers discovered a mechanism influencing the energy balance in mice

The fat regulation in the body is very complex, because the brain plays an important role: It adjusts food intake to the actual energy consumption. It is new knowledge, however, that nerves as well, located outside the brain and the spinal marrow, are involved in this finely tuned process. Researchers of the Max Planck Institute of Heart and Lung Research in Bad Nauheim and researchers of the universities of Halle, Leipzig and Berlin have now discovered that switching off the active gene Nscl-2 in nerve cells of mice will cause massive obesity. Mice, however, will be spared consequences such as diabetes. This discovery, in the

long term, shall help adipositas patient who suffer from diabetes.
<http://www.bionity.com/news/d/102088/>

Dresden researcher developed a new insulin appliance

A researcher from Dresden developed an automated injection appliance that shall make the insulin supply easier above all for elder persons suffering from diabetes. Half of it is a single-use part by which the insulin is injected. Electronics and energy supply are in the second half that is reusable.

<http://biosaxony.com/biosaxony/news/innovationspreis-des-industrieclubs-sachsen>

FUNDING

wissen.schafft.arbeit (knowledge.create.jobs) 2009 – The technology transfer prize for medium-sized businesses

In 2009, the Technical University of Chemnitz, together with Postbank AG, for the second time offers the wissen.schafft.arbeit (knowledge.create.jobs) 20,000-euro prize. The competition is addressed to scientists and small and medium-sized businesses distinguishing themselves by efficient knowledge and technology transfer from research to practical application. The patronage has been taken on by the Federal Ministry of Economics and Technology. The assessment of the innovative projects on technology transfer will be performed by a jury of international experts. For biotechnology, Mr. Peter Heinrich, speaker of the BIO Germany e.V. board, could be attracted. biosaxony supports the competition. Deadline for submissions is **September 15, 2009**. <http://www.wissenschafftarbeit.de/>

BMBF (Federal Ministry of Education and Research): Funding for research clusters on selected infectious zoonotic diseases

When working on the topics of infectious zoonotic diseases, cooperation between human and veterinary medical professionals is a basic prerequisite. This is the reason why the BMBF has founded a national research platform on zoonoses serving the coordination and networking of the research (<http://www.zoonosen.net>).

The expertise from human and veterinary medicine existing in Germany on selected zoonotic infectious diseases, in addition, shall be jointly organized in interdisciplinary research clusters. For example, applications by clusters can be submitted on the following topics: Bacteria resistant to antibiotics passed on from the animal to humans and Neglected zoonotic infectious diseases in poorer countries.

Universities, university hospitals, non-university research and development institutes, as well as industrial businesses may submit applications.

The closing date for applications is **September 1, 2009**.

<http://www.bmbf.de/foerderungen/13513.php>

BMBF (Federal Ministry of Education and Research): Funding for research on neglected infectious diseases associated with poverty

The Federal Ministry of Education and Research, in the scope of the Federal Government's "Gesundheitsforschung: Forschung für den Menschen" (Health Research – Research for Mankind), supports the setup and extension of research capacities on diseases associated with poverty. They are aiming at extending the research capacities on infectious diseases

associated with poverty sustainably, in cooperation with partners from especially concerned countries. Universities, university hospitals, non-university research and development institutes, as well as industrial businesses may submit applications. The closing date for applications is **September 1, 2009**. <http://www.bmbf.de/foerderungen/13514.php>

Application phase for Materialeffizienzpreis (Material Efficiency Prize) 2009 running

The Federal Ministry of Economics and Technology, in 2009, will again award the Deutsche Materialeffizienzpreis 2009 (Material Efficiency Prize). It honors businesses and research institutes that developed innovations increasing the material efficiency.

Small and medium-sized businesses may apply, as well as research institutes. The best five concepts will receive 10,000 euros each. In total, four businesses and one research institute will be awarded funds. Deadline for applications is **October 15, 2009**.

www.materialeffizienz.de/foerderung/materialeffizienzpreis

BMU (Federal Ministry for the Environment, Nature Conservation and Nuclear Safety): Funding program for energy utilization

The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) is funding the research and development of optimizing the use of energetic biomass. The purpose of the funding are analysis on seven different topics: 1. Recycling of Residual Materials, 2. International Cooperation Projects, 3. Biomass Gasification, 4. Bio Methane Strategy, 5. Bioenergy Strategy, 6. Regional Bioenergy, 7. Strategy Development for Biomass.

Universities, university hospitals, non-university research and development institutes, as well as industrial businesses may submit applications. Deadlines for submitting the project sketches: September 1, 2009; March 1, 2010; September 1, 2010.

<http://www.fz-juelich.de/ptj/klimaschutzinitiative-biomasse>

EVENTS, FAIRS, CONGRESSES

In Saxony (August 2009)

August 13 to 15, 2009 – Leipzig, Germany: Express train of science on the road in Germany - http://www.bahn.de/p/view/service/familie/science_express.shtml

August 16 – 18, 2009 – Görlitz, Germany: Express train of science on the road in Germany - http://www.bahn.de/p/view/service/familie/science_express.shtml

In Germany and Worldwide (August 2009)

August 18 - 23, 2009 – Arolla, Switzerland: Frontiers in Genetics: EMBO/SNF Symposium on Developmental Systems – <http://arolla-2009.frontiers-in-genetics.org>

August 26 – 29, 2009 – Arolla, Switzerland: EMBO Workshop on Wnt Signaling in Development and Disease – <http:wnt2009.epfl.ch>

August 26 – 30, 2009 – Regensburg, Germany: EMBO Conference: 8th International Conference on Ribosome Synthesis – www.embo.org

August 29 - September 02, 2009 – Magdeburg, Germany: 3rd International Conference on Auditory Cortex – www.auditory-cortex.de

August 29, 2009 – Amsterdam, Netherlands: EMBO Meeting 2009 – <http://www.the-embo-meeting.org/>

August 30 - September 04, 2009 – Bremen, Germany: 18th International Mass Spectrometry Conference – www.imsc-bremen-2009.de

Preview (September to December 2009)

September 02 – 05, 2009 – Frankfurt, Germany: 3rd European Conference on Chemistry for Life Sciences: Linking Chemistry with Biological Activity – www.gdch.de

September 05 – 10, 2009 – Seefeld, Germany: FEBS Workshop: Protein Modules and Networks in Health and Disease – www.proteinmodules.org

September 07 – 12, 2009 – Munich, Germany: Medical Physics and Biomedical Engineering - World Congress 2009 – <http://www.wc2009.org/World-Congress-2009/Pages/Home.aspx>

September 08 – 9, 2009 – Mannheim, Germany: 27th Annual Conference of Biotechnologists – <http://events.dechema.de/djb2009.html>

September 09 – 12, 2009 – Göttingen, Germany: Horizons in Molecular Biology: 6th International PhD Student Symposium and Career Fair – www.horizons.uni-goettingen.de

September 09 – 13, 2009 – Heidelberg, Germany: EMBO Conference on Protein Synthesis and Translational Control – www.embl.de

September 11 – 13, 2009 – Martinsried, Germany: 11th Young Scientist Meeting of the German Society for Cell Biology: Cell Migration – www.zellbiologie.de

September 13 – 18, 2009 – Les Diablerets, Switzerland: Gordon Research Conference on Stem Cells and Cancer – www.grc.org

September 13 – 16, 2009 – Barcelona, Spain: Symbiosis – 14th European Congress on Biotechnology – www.ecb14.eu

September 13 – 19, 2009 – Berlin, Germany: 2nd European Congress of Immunology – www.eci-berlin2009.com

September 16 – 18, 2009 – San Francisco, USA: BIO Pharm America 2009 – <http://www.ebdgroup.com/bpa/>

September 16 – 19, 2009 – Köln, Germany: 40th Annual Conference of the German Genetics Society – <http://www.genetics2009.de/>

September 17 – 18, 2009 – Berlin, Germany: 6th RNAi Europe, Advances in qPCR, Epigenetics World Congress, Peptides Europe – www.selectbiosciences.com

September 17 – 19, 2009 – Dresden, Germany: The science express on tour in Germany – http://www.bahn.de/p/view/service/familie/science_express.shtml

September 20, 2009 – Konstanz, Germany: [2nd German-French DNA Repair Meeting](http://www.biotechnologie.de/BIO/Navigation/DE/Service/termine.html?) – www.biotechnologie.de/BIO/Navigation/DE/Service/termine.html?

September 23, 2009 – Lille, France: EuroBIO 2009 – www.eurobio-event.com

September 24 – 25, 2009 – Hamburg, Germany: 1st International Symposium on Structural Systems Biology – www.conventus.de/projekte-kongresse

September 28, 2009 – Halle (Saale), Germany: [German Conference on Bioinformatics 2009](http://www.biotechnologie.de/BIO/Navigation/DE/Service/termine.html?) – www.biotechnologie.de/BIO/Navigation/DE/Service/termine.html?

September 28 – 30, 2009 – Bled, Slovenia: EuroNanoMedicine 2009 – <http://events.dechema.de/euronanomedicine2009.html>

October 02 – 04, 2009 – Halle, Germany: Computer models in science – between analysis, forecast and suggestion – www.leopoldina-halle.de

October 02 – 06, 2009 – Heidelberg, Germany: EMBO Conference on Morphogenesis and Dynamics of Multicellular Systems – http://www.embl.de/training/courses_conferences/conferences/index.php?p_conferenceld=118

October 04 – 09, 2009 – Bad Schandau, Germany: 1st Autumn School "Current Concepts in Immunology" – www.immunologie.de

October 06, 2009 – Hannover, Germany: BioPolitics – http://biosaxony.com/downloads/Veranstaltungen/Biotechnica_Partnering.pdf

October 06 – 08, 2009 – Hannover, Germany: BIOTECHNICA 2009 – www.biotechnica.de

October 08 – 11, 2009 – Hannover, Germany: International Bone-Tissue-Engineering Congress, bone-tec – <http://www.bone-tec.com/>

October 18 – 21, 2009 – Ascona, Switzerland: EMBO Conference Series: Autophagy - Cell Biology, Physiology and Pathology – www.embo.org

October 20, 2009 – Lisboa, Spain: [European Forum for Industrial Biotechnology 2009](http://www.biotechnologie.de/BIO/Navigation/DE/Service/termine.html?) – www.biotechnologie.de/BIO/Navigation/DE/Service/termine.html?

October 21, 2009 – Leipzig, Germany: 5th forum health economy –

<http://leipzig.de/de/business/wistrategie/cgesund/veranstaltung/index.shtml>

October 26 – 28, 2009 – Dresden, Germany: International NBM Conference –

[www.kooperation-internatio-](http://www.kooperation-international.de/countries/biowissenschaften/info/detail/data/41869/backpid/18/?PHPSESSID=c33269fafb89cb7622d0c5cb8c6a7)

[nal.de/countries/biowissenschaften/info/detail/data/41869/backpid/18/?PHPSESSID=c33269fafb89cb7622d0c5cb8c6a7](http://www.kooperation-international.de/countries/biowissenschaften/info/detail/data/41869/backpid/18/?PHPSESSID=c33269fafb89cb7622d0c5cb8c6a7)

October 27, 2009 – Konstanz, Germany: Mind from brain or brain from mind? Does the structure cause the funktion or the function the structure der CNS?– www.leopoldina-halle.de

October 29, 2009 – Leipzig, Germany: 4. Fraunhofer Life Science Symposium –

www.biocityleipzig.de/news-de/rapid-prototyping-in-der-regenerativen-medicin-zum-4.-fraunhofer-life-science-symposium

October 29 – 30, 2009 – Leipzig, Germany: HHL Healthcare Challenge –

<http://www.hhl.de/en/discover-hhl/news/article/detail////hhl-sponsors-business-plan-competition-during-world-conference/>

October 29 – 31, 2009 – Heidelberg, Germany: 11th International EMBL PhD Student Symposium: Puzzles in Biology - Putting the Pieces Together – www.embl.de

October 29 – 31, 2009 – Leipzig, Germany: World Conference on Regenerative Medicine 2009 – www.wcrm-leipzig.com

October 30, 2009 – Leipzig, Germany: Forum Bioinformatics 2009 – <http://www.forum-bioinformatics.com/>

November 02 – 04, 2009 – Vienna, Austria: BIO-Europe –

www.ebdgroup.com/bioeurope/index.htm

November 03, 2009 – Leipzig, Germany: Leuchtturm für Fachkräfte –

www.absolventenmesse-mittelGermany.de

November 17, 2009 – Munich, Germany: T5 Carrier Fair of Healthcare branche – www.t5-futures.de/jobmessen/jobmesse-20091117-mnchen.html

November 18 – 20, 2009 – Dusseldorf, Germany: MEDICA: international fair on medicine – www.medica.de

November 19 – 21, 2009 – Dusseldorf, Germany: Healthcare Brokerage Event at MEDICA – <http://www.brokerage-events.eu/Medica2009/>

November 20 – 25, 2009 – Hannover, Germany: Combined Meeting of ESGCT, GSZ, DG-GT and ISCT – www.stem-cell-research.de

November 21, 2009 – Berlin, Germany: Biologentag 2009: In Darwins foot steps - modern evolution biology – www.biologentag.de

November 24 – 27, 2009 – Berlin, Germany: BioProScale Symposium: Inhomogeneities in Large-Scale Bioreactors – www.ifgb.de/bioproscale

November 25 – 27, 2009 – Stockholm, Sweden: Biotech Forum + Scanlab 2009 – www.biotechforum.org

November 30 - December 02, 2009 – Geneva, Switzerland: 5th Annual European Antibody Congress – www.terrapinn.com/2009/antibodyeu

December 10, 2009 – Leipzig, Germany: XVI. Lipid Meeting – <http://www.lipidmeeting.de/>

Further event notes on the homepage of www.biosaxony.com within the category events.

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