

Newsletter

02/2013

Drugs made in Vienna:

10 players you must know

page 4



Research at the Best:

Medical University of Vienna

page 8



Life Sciences in Vienna

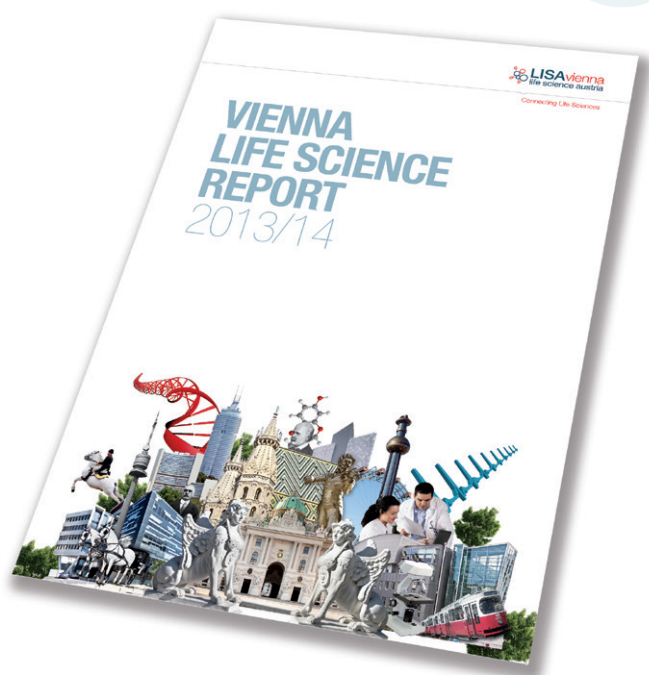
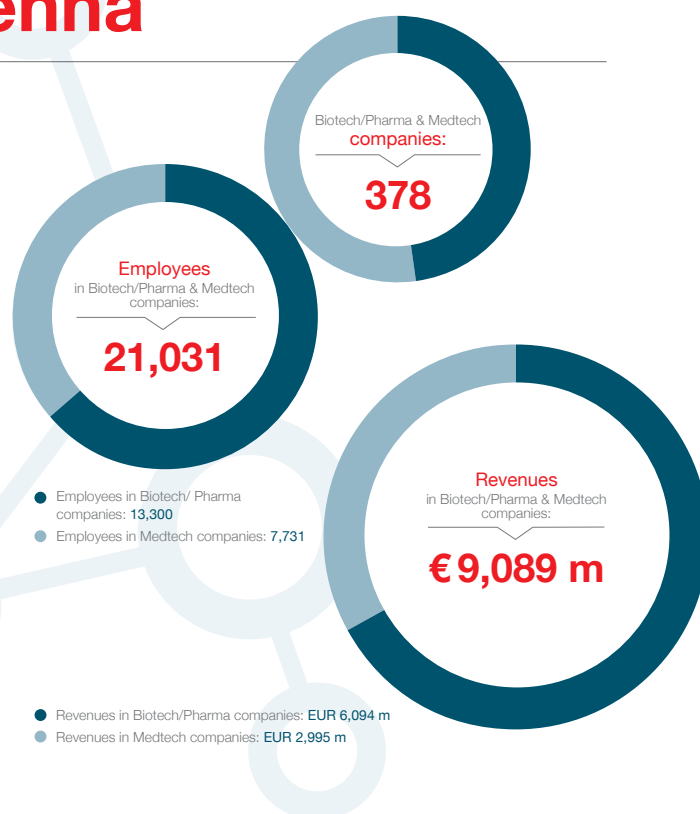
LISAvienna and BIOCUM proudly present the new statistics of the smart life science city Vienna

A recent study revealed that there are 378 life science companies situated in Vienna with main activities in the biotech/pharma or medical technology sector, according to the OECD and GMDN criteria. In 2012, these 378 companies employed 21,031 people and generated revenues amounting to 9,089 million Euros.

Of these 378 companies, 118 firms are active in research and development. In biotechnology, research is focusing on anti-infectives, immunology, oncology and diseases of the respiratory system. In the field of medical technology research is centering on electromechanical medical devices, software for medicine and e-health.

To support these highly innovative and dynamic companies, the city of Vienna and the Republic of Austria offer a broad range of financial support programs for all stages of the value chain.

- Biotech/Pharma companies: 181
- Medtech companies: 197



25 research institutes are located in Vienna!

The basis for successful in-house company research often originates in outstanding academic research. In Vienna five universities, two applied universities, twelve non-university research institutes and six other organizations educate more than 38,000 life science students. This means more than a fifth of the total student population in Vienna is studying a life science course of studies.

Every year more than 3,600 of these students graduate and build the basis for becoming future employees of the Vienna life science companies.

Also, regarding research activities life sciences represent a strong pillar: the 25 research institutions employ over 14,289 people in the life sciences and 5,733 publications in international journals every year are evidence of excellent research activities.

You can download the Vienna Life Science Report at www.LISAvienna.at

Dear readers!



When BIO-Europe, the continent's largest biotechnology partnering conference, comes to Vienna on 4–6 November, this city will present itself to the world of biotech as a vibrant life science hub at the heart of Europe. Building on a long and successful history in medical research, Vienna is strongly committed to investing heavily in modern scientific infrastructure as well as fostering innovation and entrepreneurship in the life sciences field. The success of this commitment is confirmed by our latest statistical survey: almost 400 companies and 25 research institutes are active in life sciences, generating sales of € 9.1 billion Euros and employing a total of 35,000 people, many of them talented researchers.

At BIO-Europe, more than 100 Austrian companies will benefit by presenting their innovations in numerous partnering meetings as well as other channels of the conference to the 1700+ companies and organizations expected to join this year's event. The industry is faced with the challenge of efficiently transferring ideas into commercial applications. Making this topic a focus of the conference, academic institutes will have their own innovators' showcase for the first time in the history of BIO-Europe. Eleven Viennese research institutes will seize the opportunity to present their tech transfer offers to the global biotech industry at the LISAvienna Academic Pavilion.

In Vienna, smart business means not only being at the forefront of innovation and technology, but also placing priority on high quality of life. Unsurprisingly, Vienna continuously ranks topmost worldwide as the city with the highest quality of life. Therefore, we also want to make your stay in Vienna as enjoyable and memorable as possible. From Sunday to Tuesday, the most beautiful locations in Vienna – the imperial Hofburg, the majestic City Hall and the super-modern METAstadl – have been selected for the evening program of the conference.

After hosting the global biotech and pharma industry in Vienna, it is up to the Viennese medical technology companies to present themselves to the world at the Medica exhibition on 20 November in Düsseldorf. The latest achievements and visions of the future in medical technology are showcased in more than 116,000 m² of exhibition space – and LISAvienna provides the companies with networking opportunities during its traditional dinner and networking reception at the riverside Lido Restaurant.

A knowledge-based economy depends on lifelong learning opportunities. LISAvienna business seminars are therefore highly popular in the local industry. In September, more than 100 participants followed our invitation to a seminar on "Clinical development of medicinal products in Austria – Biotech meets Global Pharma" which was held in cooperation with the Society of Pharmaceutical Medicine – GPMed. Another business seminar in the medical technology field is scheduled for the end of the year.

LISAvienna prides itself on being the key knowledge provider in the Vienna life science sector. We invite you to access all of our publications, statistical surveys and our event calendar as well as the latest news online, free of charge, on our website www.LISAvienna.at.

We wish you successful conferences and look forward to meeting you!
Peter Halwachs and Johannes Sarx, Managing Directors – LISAvienna

Why Vienna?

© Hookipa Biotech



Katherine Cohen, CEO
Hookipa Biotech AG

“With many vaccine companies clustered in Vienna, I am happy to build Hookipa and bring a world class vaccine platform technology, Vaxwave(R) from Nobel Winner's laboratory to this city.”

www.hookipabiotech.com



LISAvienna – Connecting Life Sciences

LISAvienna - Life Science Austria Vienna is the life science cluster organization of the City of Vienna, serving all stakeholders in the areas of biotechnology/pharmaceuticals and medical technology.

Whether you are an entrepreneur, an investor or a researcher, LISAvienna can provide you with essential services in Austria's largest life sciences location:

- **Consulting:** Contacts and advice on setting up, locating, funding, collaboration, infrastructure and going international
- **Marketing:** Positioning Vienna as a significant research and business location at international trade fairs and in the media
- **Qualification:** Seminars on business and legal topics and on entrepreneurial aspects of life sciences
- **Networking:** Setting up and strengthening contacts in the interest of more fruitful exchanging of ideas and experiences
- **Knowledge:** Preparing analyses, background papers and studies on the further development of Vienna as a life sciences location

Please visit our website www.LISAvienna.at to learn more about Vienna as a top location for life sciences!



lfr: Martin Mayer,
Susanne Locker,
Peter Halwachs,
Andrea Jan Coleselli,
Jürgen Fuchs and
Johannes Sarx

LISAvienna-Partnering

Finding venture capital and development partners is one of the greatest challenges for life science entrepreneurs all over the world. LISAvienna offers a special service to bring businesses to life: LISAvienna-Partnering connects VC and global pharma companies to the right Viennese companies. With customer-tailored schedules and perfectly organized meetings the event provides the best chances for matching the right partners.

For request please contact for biotech/pharma Jürgen Fuchs (fuchs@LISAvienna.at), for medtech Martin Mayer (mayer@LISAvienna.at).

Invests in Austria: Baxter

Baxter is Austria's largest R&D-driven biotech and pharma company. At the same time, Austria is Baxter's most important research location for its largest and most

R&D-intensive department: 80 percent of the product portfolio of the BioScience division is developed and/or manufactured here. Baxter is investing another 100 million Euros in new facilities in the Vienna region in 2013.



Baxter expands at Vienna site: green buildings save money and reduce energy as well as water consumption

Baxter continuously expands its facilities in Austria. Since 2006 more than 600 million euros have been invested in new plants and factory equipment. 4.400 employees develop, manufacture or sell the company's products in Austria. 22 pharmaceuticals are produced in the Vienna region, thereof 98 percent are exported worldwide. Currently, Baxter has 42 projects and products in its R&D pipeline.

The 2013 investments are focused on the following key-projects:

- Shift of production site for the active component of a meningococcal group C conjugate vaccine from the USA to Austria
- Increase of production capacities for a human plasma-derived haemophilia product that has been developed in Austria
- Expansion of production capacities for a hemostatic matrix to control bleeding at surgeries
- Increase of filling capacities for a fibrin sealant and development of new special syringes
- Modernization of production plant for intensive care products derived from human albumin
- New building for quality control
- New high-tech logistics center (opening in 2015)

In Vienna, Baxter runs one of the biggest and most efficient plasma fractionation facilities worldwide. It is able to process some 2.3 million liters plasma per year into 18 substances that feed into a broad range of pharmaceuticals of urgent need. Currently, 12 new haemophilia products are in Baxter's R&D pipeline, thereof 8 in advanced stages of clinical development or on the brink of approval. In addition, there are another 17 products in other medical areas in phase III studies or that have been submitted for approval.

www.baxter.at



Welcome to Vienna!
Most useful contacts when starting business in Vienna

ABA-Invest in Austria

ABA-Invest in Austria, a government-operated consulting firm, is the first business address for international investors seeking information in the business location Austria. We offer comprehensive and unbureaucratic know-how for the set-up of a company and provide information on incentives, market opportunities and corporate taxation. And all completely free of charge.

Contact ABA

ABA-Invest in Austria | Opernring 3 | 1010 Vienna, Austria | Phone: +43 (1) 588 58-0 | E-mail: office@aba.gv.at | Web: www.investinaustria.at

Austria Wirtschaftsservice Gesellschaft mbH (aws)

aws provides financial aid for the formation and location of high-tech companies in Austria on behalf of the Federal Ministry of Economy, Family and Youth, with particular emphasis on the provision of financial aid to technology sectors exhibiting high potential for growth and great innovative strength, such as life sciences, information and communications technology, and physical sciences.

Contact aws

Austria Wirtschaftsservice GmbH | Walcherstrasse 11A | 1020 Vienna, Austria | Phone: +43 (1) 501 75-100 | E-mail: hochtechnologie@aws.g.at | Web: www.aws.g.at

Austrian Economic Chamber – Vienna

The Austrian Economic Chambers represent more than 400,000 member companies. As the voice of Austrian business, we are committed to forward-looking policies which benefit the economy e.g. tax relief, cutting red tape, subsidies. The Economic Chambers are modern service providers and offer fast expert advice on topics from labour laws to customs information. Through our educational facilities – WIFI, universities of applied sciences – we contribute to improving the competitive ability of domestic companies.

Contact Austrian Economic Chamber – Vienna

Austrian Economic Chamber – Vienna | Stubenring 8–10 | 1010 Wien, Austria | Phone: +43 1 514 50-0 | E-Mail: postbox@wkw.at | Web: www.wko.at/wien

Vienna Business Agency – Your Start in Vienna

We are the first point of contact for national and international companies and investors who are looking to establish a branch in Vienna. As Vienna's official investment promotion agency, we provide you with comprehensive information about the business location Vienna, including tailor-made support services, funding and real estate – no matter if you are a start-up or a multinational company. All of our services are free of charge.

Expat Center Vienna

It is our aim to help you making the time you spend in Vienna as successful and as pleasant as possible. The expert team at the Expat Center Vienna is here to give you individual advice on any matters that might affect your professional, personal, or family life. We also organize numerous networking events and workshops to help you taking your first steps at your new home.

Contact Vienna Business Agency – International Services

Expat Center Vienna | Schmerlingplatz 3 | 1010 Vienna, Austria | Phone: +43 (1) 4000 86949 | E-mail: info@expatcenter.at | Web: www.vba.at; www.expatcenter.at

ZIT - The Technology Agency of the City of Vienna

The activities of ZIT encompass providing direct financial assistance (i.e. grants) to companies or making a technology-specific infrastructure available, as well as the implementation of a broad range of accompanying measures in all phases of the innovation process.

Contact ZIT

ZIT – The Technology Agency of the City of Vienna | Ebdorferstraße 4/DG | 1010 Vienna, Austria | Phone: +43 (1) 4000 86 165 | E-mail: office@zit.co.at | Web: www.zit.co.at

Drugs made in Vienna: 10 players you must know

Austria's capital, Vienna, is fertile ground for the biosciences. The city attracts renowned scientists from all over the world and is also home to a burgeoning biotech industry beyond multinational giants such as Baxter and Boehringer Ingelheim. Multiple companies focus on the development of new active pharmaceutical ingredients. Ten companies with clinical stage products are introduced below.

1 **Activartis Biotech GmbH** has completed the recruitment of 78 patients for a randomized clinical trial aimed at demonstrating the efficacy of a novel dendritic cell cancer vaccine for treating an aggressive form of brain tumor; an early trend analysis of survival benefits will be presented soon.
▶ www.activartis.com

2 **AFFIRIS AG** develops innovative peptide vaccines for therapeutic treatment of chronic diseases with unmet medical needs and attractive market volumes. Alzheimer's is the current lead indication which is in phase II of clinical development. AFFIRIS' promising product pipeline also includes the worldwide first clinical program for causative rather than symptomatic treatment of Parkinson's disease. An Atherosclerosis vaccine program is in clinical phase I testing. Tailor-made vaccines for the treatment of several other undisclosed indications are part of the company's product portfolio.
▶ www.affiris.com

3 **APEIRON Biologics AG** develops immunologic and biologic cancer therapies. Its portfolio consists of five clinical and two preclinical projects. Its lead project, a chimeric antibody against pediatric neuroblastoma is at an advanced stage with over 500 patients treated to date. A follow-up antibody-IL2 fusion protein is in phase II against neuroblastoma and melanoma. Moreover, Apeiron is developing both a cellular and a small molecule approach to selectively boost the immune system to combat cancer. In 2010, Apeiron licensed a phase I project to GlaxoSmithKline which is presently being investigated in a phase II study against acute lung injury.
▶ www.apeiron-biologics.com

4 **APETPTICO Forschung und Entwicklung GmbH** develops new peptide-based medicinal drugs for the therapeutic and prophylactic treatment of severe and chronic diseases. The company initiated two phase II clinical trials in patients suffering from Acute Lung Injury and Primary Graft Dysfunction following lung transplantation, respectively.
▶ www.aeptico.com

5 **BIOMAY AG** is specialized in the discovery, research and development of innovative allergy therapeutics. Its rich clinical pipeline is composed of two phase III allergy vaccine candidates using wildtype allergens of grass and birch, a phase III hypoallergenic birch vaccine and a recombinant grass vaccine candidate in phase II of clinical development.
▶ www.biomay.com

6 **Marinomed Biotechnologie GmbH** discovers and develops anti-viral and immunological treatments. Its lead product is a unique broadly active anti-viral compound, for treating respiratory diseases. Safety and antiviral effectiveness have been established in clinical trials involving both adults and children. Based on this compound a platform of novel therapies against respiratory infections has been established. The platform consists of marketed products as well as products in development. Marinomed also focuses on new immunological treatments targeting allergy and autoimmune disorders.
▶ www.marinomed.com

7 **Nabriva Therapeutics AG** is a biotechnology company developing a new class of antibiotics for the treatment of serious infections caused by resistant pathogens and sexually transmitted diseases. Nabriva's lead product BC-3781 is a broad spectrum agent being developed for the treatment of serious skin infections and community-acquired bacterial pneumonia (CABP). BC-3781's coverage includes drug resistant strains such as methicillin-resistant *S. aureus* (MRSA) and vancomycin-resistant *E. faecium*. Proof of concept for the systemic use of BC-3781 in humans was achieved in a Phase 2 trial in patients with acute bacterial skin and skin structure infections (ABSSSI). BC-3781 is a Phase 3 ready product for ABSSSI and CABP indications. The company's pipeline also includes BC-7013, an antibacterial for topical treatment which has completed Phase 1 trials and an extended spectrum pleuromutilins discovery program (ESP).
▶ www.nabriva.com

8 **PDC Biotech GmbH** develops novel compounds for the treatment of preterm labor and primary dysmenorrhea. At the core of the company is a unique, proprietary series of prostaglandin F2 α receptor antagonists. The company has successfully completed a phase I clinical trial for its lead compound in healthy women with primary dysmenorrhea and plans to continue clinical development in the preterm labor indication.
▶ www.pdcbiotech.com

9 **Valveva Austria GmbH** focuses on vaccine and antibody development and commercialization, either through in-house programs or in collaboration with industrial partners. It was formed through the merger between Intercell AG and Vivalis SA. Valveva generates diversified revenue from its marketed product, a vaccine for the prevention of Japanese encephalitis, commercial partnerships around a portfolio of product candidates, and licensed technology platforms including a cell line for large-scale vaccine production, an antibody discovery technology and a novel adjuvant, that are becoming widely adopted by the biopharmaceutical industry worldwide.
▶ www.valveva.com

10 **Zytoprotec GmbH** is developing drugs using a novel cytoprotective approach. Its most advanced drug candidate PD-Protec is designed to improve survival of patients undergoing peritoneal dialysis during renal replacement therapy. In Q4/2013 PD-protec is expected to enter a Phase II clinical study in Austria and Hungary.
▶ www.zytoprotec.com

Find out more about Viennese companies in the new Vienna Life Science Report, for download at www.LISAVienna.at



A success story: Boehringer Ingelheim Regional Center Vienna

The Boehringer Ingelheim Regional Center Vienna ranks among Austria's top pharmaceutical companies. Philipp von Lattorff is the company's new Country Managing Director.

LISVienna: Boehringer Ingelheim Regional Center Vienna is a wonderful success story. What are you most proud of?

Philipp von Lattorff: I am proud of the important role that Boehringer Ingelheim RCV plays in the global BI world. Since the year 2000 our Vienna site has been the oncology research center for the Corporation, and recently we launched our first product in the US. Europe and other regions will hopefully follow soon. There are still further substances in our pipeline in advanced phases of development. Moreover we have a strong position in the Central and Eastern European region, which I am now responsible for. This area is characterized by many different cultures and diverse political environments. It is a real challenge to manage our pharmaceutical business there, and I am very much looking forward to the task ahead.

LISVienna: Boehringer Ingelheim continues to expand its Vienna branch. In the spring, the foundation stone of a new office building was laid. What are your plans for the future?

Philipp von Lattorff: As our site is continuously growing, we decided to enlarge our office building through the addition of over 200 workplaces, new meeting rooms and an enlargement of our company restaurant. This is required because the Boehringer Ingelheim Regional Center Vienna (RCV) is responsible for pharmaceutical business and clinical research in more than 30 Central and Eastern European countries as well as Central Asia, Switzerland, and Israel. We have a lot of employees who coordinate business and clinical studies for the whole region from here. My plans are to continue securing the success of Boehringer Ingelheim RCV by strengthening and developing all our fields of activities – research, biopharmaceutical research, development, and production, as well as business in the countries we serve.



© Boehringer Ingelheim / Fotostudio Wilke

Philipp von Lattorff, Country Managing Director, Boehringer Ingelheim Regional Center Vienna

www.boehringer-ingelheim.at

Multi-million dollar deal by Arsanis

The Vienna-based Arsanis Biosciences GmbH hit the headlines recently by closing a 20 million dollar series B financing round led by new investor NeoMed Management, with participation from existing investors. These funds will be used to advance the company's clinical development of monoclonal antibody therapeutics against *Staphylococcus aureus*, while maturing its rich pipeline of anti-infective antibodies against other pathogens. Arsanis was founded in 2010 and succeeded in arranging a 10 million dollar series A financing round already

back in 2011. The lead product is a monoclonal antibody cocktail designed to prevent and treat severe hospital-associated *Staphylococcus aureus* infections. It is currently being manufactured for clinical trials. Arsanis' pipeline also includes preclinical monoclonal antibody programs against the multi-drug resistant gram negative pathogens *Escherichia coli* and *Klebsiella pneumoniae*, and a further program targeting *Streptococcus pneumoniae*.

www.arsanis.com

Why Vienna?

© Eucodis Bioscience



Karl Hübler,
CEO Eucodis
Bioscience GmbH

“I lived and worked for 16 years in several European countries and in Brazil. When I left Austria in the late 90s, biotech did not really exist here. I returned a few years ago and I was really impressed by Vienna has evolved into a vivid and international life science and biotech cluster during these years. And with Eucodis Bioscience I am a part of it. It was definitely worth coming back.”

www.eucodisbioscience.com

WANTED:

Industrial Partners for Innovation

Technology offers from Viennese Academic Institutes

High-Throughput Genetics in Mammalian Stem Cells for Rapid Gene Identification and Validation:

IMBA's haploid embryonic stem (ES) cell technology overcomes the bottlenecks of currently existing screening methods in functional genetics. It combines the power of haploid organisms such as yeast with rapid and whole genome genetic forward screens in stem cells or any differentiated cell type derived from haploid mouse ES cell lines. Recessive genetic screens in haploid cells allow for rapid identification of novel genes and drug targets as well as for deorphanization of compounds. Screens with drugs may be used to sample the entire genome for drug-genome interactions in order to identify new effectors or off-targets. IMBA is looking for industrial partners to apply its haploid ES cell technology in customized screening approaches.

www.imba.oeaw.ac.at

Minicircle-DNA for Gene Transfer Applications:

A production technology for DNA-molecules with an optimized safety and efficiency profile (minicircle-DNA) is available at the Ludwig Boltzmann Institute for Experimental and Clinical Traumatology that is based on the coordinated and consecutively conducted in vivo processes of recombination, restriction and subsequent affinity purification. This technology provides highly pure minicircle-DNA and is ready for scale-up.

trauma.lbg.ac.at

Novel Antibiotics:

In collaboration with Åbo Akademi University (Finland), the University of Vienna has identified a novel class of antibiotics with specificity for *Chlamydomydia pneumoniae*, a bacterium that causes pneumonia and is also associated with atherosclerosis. These antibiotics are believed to target the intracellular form of the bacterium, which is difficult to eradicate using conventional treatments. The University of Vienna is looking for partners interested in bringing these compounds into clinical use.

www.univie.ac.at

Novel small molecule inhibitors of TRIM32 for potential therapeutic application in degenerative diseases and muscle dystrophy:

TRIM32 inhibitors are believed to increase the self-renewal and maintenance potential of stem cells by inhibiting their spontaneous differentiation. IMBA is aiming to bring small molecule inhibitors of TRIM32 into development and to validate its ubiquitin ligase activity as a novel therapeutic target for degenerative diseases and muscle dystrophy. We are looking for partners interested to test and further validate the already identified first series of selective hits in functional cellular assays and finally initiate a medicinal chemistry optimization program to generate drug-like leads suitable for testing in animal models and further pre-clinical and clinical development.

www.imba.oeaw.ac.at

Piperine derivatives:

A set of piperine derivatives with affinity for the GABA_A receptor has been synthesized and found to exhibit a range of beneficial effects in vitro and in certain animal models, especially for pain relief, and as anticonvulsants. The University of Vienna is looking for partners to further develop these molecules.

www.univie.ac.at

Meet the experts at the LISVienna Academic Pavilion at the BIO-Europe in Vienna!
For requests to specific projects please contact fuchs@LISVienna.at (Biotech/Pharma) and mayer@LISVienna.at (Medtech)

The Austrian Center of Industrial Biotechnology (ACIB)

works at the interface of fundamental and applied research and bundles expertise of key researchers in industrial biotechnology in Austria. Vienna-based academic partners especially focus on:

- Cell design and engineering considering both upstream and downstream processing
- Monitoring, modeling and engineering of industrial production systems for biopharmaceutical proteins
- Metabolic modeling to advance biotechnological manufacturing efforts

New industrial partners are invited to profit from the center's research network.

www.acib.at

The Campus Science Support Facilities GmbH (CSF)

is a publicly funded non-profit research institute operating cutting edge research infrastructure in life sciences. Take advantage of the opportunity to profit from the following services for external users:

- Next-generation sequencing for all common sequencing applications including ChIP-seq, RNA-seq, Whole Genome Sequencing
- Development and implementation of hardware-related software for biological experiments using embedded and robotic systems
- Software solutions for scientific and laboratory data management, automated data analysis, reporting and beyond

www.csf.ac.at

The Health & Environment Department of the Austrian Institute of Technology (AIT)

is currently looking for industrial partners interested in profiting from substantial expertise in the following areas of saliva diagnostics:

- Identification and validation of DNA-methylation and auto-antibody biomarkers
- Technologies to standardize saliva sampling and handling
- Bioinformatics for App based data analysis and new workflows
- Diagnostic Biosensors using optical, magnetical and nanomaterial-based technologies
- Integration of building blocks for saliva-based Point-of-Care devices

www.ait.ac.at/departments/health-environment

The Medical University of Vienna

is looking for industrial partners for a range of highly diverse innovations including:

- Novel chalcone derivatives for treating solid tumors and lymphomas
- Synthetic small molecules for the induction of cardiogenesis to treat heart disease
- New medical use of PDGFRbeta inhibitors for treatment of T-cell lymphomas
- Cyclotides as stable and degradation-resistant alternatives for immunosuppression
- Dye-specific antibodies for prestained molecular weight markers

www.meduniwien.ac.at

Method for enhancement of protein production by *Trichoderma reesei*:

Via the overexpression of a central regulator of fungal developmental-specific gene expression (VAL1) the production of cellulases and hemicellulases in *Trichoderma reesei* is significantly increased. This method does not interfere with the induction of these enzymes and can be combined with simultaneous overexpression of transcription factors such as XYR1. TU Vienna is looking for partners interested in improving their industrial protein production systems.

www.tuwien.ac.at

Cost-efficient biosynthesis of N-Acetylneuraminic acid from chitin:

A new *Trichoderma reesei* strain carrying two bacterial genes is available for the production of NeuNAc in a single-step process by using chitin as substrate. TU Vienna is looking for partners interested in this cost-efficient production system.

www.tuwien.ac.at

The CeMM Research Center of Molecular Medicine (CeMM) of the Austrian Academy of Sciences is interested in partners and offers:

- Unbiased and comprehensive studies of the mechanism of action of drugs (chemical proteomics, gene-drug interaction screens, drug combination screens)
- Discovery of tool compounds for systematic perturbation of cell states (high content screens, EU-OPENSREEN partner, 90K compound library)
- Haploid genetics screening capability including a collection of thousands of human knockout cell lines
- World class proteomics for analysis of molecular machines, chemical proteomics, phosphoproteomics, iTRAQ
- Extensive bioinformatics infrastructure with focus on disease networks and drug perturbations, integrated and navigable databases, epigenetics, next generation sequencing, mass spectrometry

www.cemm.oeaw.ac.at

Why Vienna?

© IMBA



Fumiyo Ikeda, Group leader at the IMBA, Institute of Molecular Biotechnology, of the Austrian Academy of Sciences

“I came to IMBA because of the excellent science that is done at the institute. Moreover the infrastructure of the institute is amazingly well established. I think Vienna is an organized city where many people find a life with high quality.”

www.hookipabiotech.com

Research at the Best: Medical University of Vienna

The Clinical Trials Coordination Center is an interdisciplinary service facility to support clinical research in accordance with legal and ethical requirements. This remarkable unit is a symbol of extensive expertise in clinical research at the Medical University of Vienna. Austria's largest medical research and training centre published 1,940 articles in peer-reviewed journals in 2012.

Founded in 1365 the Medical University of Vienna is now one of the world's largest and most renowned medical universities. It provides Europe's biggest hospital, the AKH in Vienna, with all of its medical staff. Through a unique inter-linking of fundamental research with clinical applications, patients benefit directly from the results of clinical studies.

MedUni Vienna's Clinical Trials Coordination Center provides support for physicians and scientists working in hospitals or outpatient units and partners from the pharmaceutical industry with respect to planning, conduct and analysis of clinical research projects. Academic researchers and commercial sponsors profit from substantial know-how in clinical trial monitoring, project management, regulatory affairs, data management, pharmacovigilance and medical writing. An MSc course in clinical research, a university training course for study nurses and GCP courses are conducted to spread expertise in clinical trials.

MedUni Vienna runs five research clusters and five main clinical research programs. Its research clusters focus on allergology/immunology/infectiology, imaging, cancer research, neuroscience and psychiatric-psychosocial sciences as well as vascular medicine. The university's main clinical fields of research are organ failure and replacement of organs, diagnostics and imaging, intensive care, metabolism and nutritional medicine as well as muscular-skeletal disorders.

www.meduniwien.ac.at



Campus MedUni Vienna: Austria's largest medical research and training center

Facts & Figures for 2012

- 538,803 outpatient cases
- 102,083 patients treated as inpatients
- 47,208 operations conducted in 51 operation theaters
- 9,320 staff members, including 1,564 medical doctors
- 7,468 students on human medicine, dentistry and postgraduate courses
- 2,116 hospital beds
- 1,116 requested clinical trials

Why Vienna?



Giulio Superti-Furga,
Scientific Director
of CeMM Research
Center for Molecular
Medicine of the Austrian
Academy of Sciences

“Vienna can look back on an excellent scientific tradition in the field of medical research. Semmelweis, Billroth, Landsteiner, Freud, Rokitansky are part of its history. It is a big privilege for CeMM to be situated on the medical campus, Austria's largest medical research conglomerate and to build on the tradition of the Vienna Medical School, by following a highly modern post-genomic approach to assist in preparing the predictive, preventive and personalized medicine of the future.”

www.cemm.oew.ac.at

LISVienna
Life Science Austria Vienna
Walcherstrasse 11A
1020 Vienna, Austria

PHONE +43 (0)1 50175 358
FAX +43 (0)1 50175 492
E-MAIL office@LISVienna.at
WEB www.LISVienna.at