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Austria at Bio Japan 2021

# USTRY

Pacifico Yokohama

# AT

13. – 15.10. 2021

# ITS

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## FOR MORE INFORMATION

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## HALL | BOOTH

Pacifico Yokohama 1F Exhibition Hall – C19

## EXHIBITING COMPANY | BOOTH NUMBER

ABA (Austrian Business Agency)  
ABF Pharmaceutical Services GmbH  
AOP Orphan Pharmaceuticals AG  
EUCODIS Bioscience GmbH  
M bioserviceS GmbH  
Michor Consulting and Trade Services GmbH  
Phenaris Softwareentwicklungs und -consulting GmbH  
SteadySense GmbH  
VALIDOGEN GmbH  
Virusure GmbH  
ZETA GmbH



Member of  **GBA**GROUP PHARMA

**ABF Pharmaceutical Services GmbH**

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ABF Pharmaceutical Services GmbH, a Member of GBA Group Pharma, is a leading service provider for international clinical trial supply management and pharmaceutical logistics. We specialize in complex clinical trial design and provide services which include quality and regulatory support, labeling and packaging, storage and distribution for marketed and investigational medicinal products (IMPs)/ investigational new drugs (INDs). Further we are consulting experts for validation and transfer of GMP processes and analytical methods.

At ABF we have developed an audited and qualified laboratory network to ensure high-quality PBMC (Peripheral Blood Mononuclear Cells) isolation.

Located in the heart of Europe, Vienna, Austria, we are in the optimal position to provide fast, efficient service solutions for all pharmaceutical products.

ABF has already worked with Japanese pharmaceutical and biotech companies and is grateful to have some Japanese laboratories in their PBMC laboratory network.

We invite you to talk with our Head of Global Business Development, Mr. Benjamin Baranyai [ベンヤミン・バランヤイ] for any new possibility of a cooperation.

**AOP Orphan Pharmaceuticals GmbH**

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AOP Orphan was one of the first companies to enter the sector of rare diseases in Europe twenty-five years ago. Today it continues to be a leader in the field. As an early pioneer in rare and complex diseases, AOP Orphan has a proven track record of building successful partnerships with commercial and academic organizations with similar interests. As a fully integrated pharmaceutical company we research, develop, produce, and commercialize innovative solutions in a range of niche therapeutic categories.

**EUCODIS Bioscience GmbH**

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**PRODUCT / SERVICE DESCRIPTION****COMPANY INFORMATION**

Eucodis Bioscience provides high-performance enzyme solutions for advanced applications in biopharma, cosmetics, and fine chemicals industry. As a Contract Manufacturing Organization (CMO)/Contract Research Organization (CRO), we are offering general services in enzyme and recombinant protein production.

Our Services include the following:

- Protein & enzyme engineering (Gene shuffling/recombination technologies)
- Production strain development (*E.coli*, *Bacillus*, *Streptomyces*, *Corynebacterium*, *Pichia*, *Sacharomyces*, *Aspergillus*)
- Bioprocess development (ISO 9001, non-GMP), small scale
- Upscale/routine industrial protein/enzyme manufacturing (from 1 L up to 1000 L fermentation volume)

**Core capabilities:**

Our custom services span the whole value chain of enzyme/protein development:

- Target enzyme identification
- Enzyme/protein engineering by e.g. in vivo recombination, gene shuffling or directed and random mutagenesis
- High throughput screening for desired properties (activity, substrate specificity, stability, expression levels)
- Fermentation and DSP development and upscaling
- Biocatalytic process development applying enzymes and whole cell biocatalysts or cell factories
- Manufacturing of biocatalysts

We offer reliable and cost-effective protein manufacturing services combined with timely and efficient customer support.

**We are looking for the following business opportunities:**

We are looking forward to finding customers from pharmaceutical, biotech, diagnostic, and cosmetic industries that interested in customized protein/enzyme production. We offer our services in recombinant protein production comprising of enzyme screenings, protein & enzyme engineering, strain and bioprocess development, and routine industrial protein/enzyme manufacturing and fermentation services.

In addition, we sell and distribute our enzymes like lipases, phospholipases, nitrile hydratases, beta-lactamases, catalases, peroxidases, amidases, etc., which are available from small quantities in screening kits up to industrial scale/bulk. The enzymes show superior activity in multiple applications, such as Active Pharmaceutical Ingredient (API) production, chiral syntheses, environmental monitoring in the manufacture of beta-lactam antibiotics, etc.



**M bioserviceS**  
Connecting products and people

**M bioserviceS GmbH**

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M bioserviceS work with companies manufacturing, using and handling animal, human and plant derived materials. We support customers along the entire Supply Chain and offer a variety of services such as:

1. Access to new raw materials sources worldwide
2. Supply of rare biological products (animal, human and plant based products such as: defibrinated blood, plasma, serum, albumin, globulin, erythrocytes, other blood fractions, enzymes, tissues and organs collected and processed according to the customer's requirements, plant derived chemicals or other ingredients)
3. Entry into new markets
4. Individually designed transport logistics concept
5. Regulatory support in import, export and registration matters
6. Tailored solutions for product and business development

We answer questions like:

- WHERE do I find biologic raw materials for my production?
- WHAT do I know about the source and the manufacturer?
- HOW do I recognize good quality?
- WHO helps with import, export or registration?

**Core capabilities:**

In the post-COVID situation biological raw materials have become very scarce. Thanks to our services companies avoid production stops and save time and resources. We have experience on the Japanese market and also work with local partners who can facilitate the importation procedures whenever needed.

Our service is unique as we work directly with raw material manufacturers worldwide and can deliver directly to Japan from many parts of the world.

Between 2017 and 2021 M bioserviceS and Biophyll jointly developed a technology for obtaining high-purity bovine hemoglobin with the capacity to bind and transport oxygen to tissues and cell cultures. The manufacturing technology is registered under the brand

name Actohem ® ([www.actohem.com](http://www.actohem.com)) and its result is a hemoglobin complex characterized by a high oxygen carrying capacity, purity, safety and functionality. The development of this manufacturing technology has been funded by the European Union in the frame of the program EUROSTARS and by the program ZIM funded by the German Ministry of Economics.

**We are looking for the following business opportunities:**

1. We are looking for companies who need specific oxygen carriers or companies interested in adopting the specific technology in their manufacturing environment – in the form of a technical cooperation, commercial or license agreements.
2. We are also looking for Japanese companies that need a better support in the field of biological raw material sourcing, management and supply.



**Michor Consulting and Trade Services GmbH**

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Michor Consulting E.U. was founded with its head office in Vienna, Austria by Dr. Salma Michor since 2008. In 2013, the sister company, Michor Consulting Schweiz GmbH, was established in Luzern, Switzerland. At the same year, Michor Consulting and Trade Services GmbH was established.

**Core capabilities:**

Training and consulting on regulatory affairs, regulatory compliance, quality assurance, risk and interim management in the pharmaceutical, food supplement and medical device industry in global market. Special focus on Europe and Asia (Japan, China) market.

**Our services include:**

We offer training and consulting on regulatory affairs, regulatory compliance, quality assurance, risk and interim management in the pharmaceutical, food supplement and medical device industry

**We are looking for the following business opportunities:**

We could provide training and consulting service for the pharmaceutical and medical device companies that are planning/having product developing activities on European and Asian Market.

**Phenaris Softwareentwicklungs- und Consulting GmbH**

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Phenaris was founded in May 2018 as spin-off from the Pharmacoinformatics Research Group at the University of Vienna, with a focus on drug transporter, data mining, and in silico toxicology. At Phenaris we transform 20+ years experience in chem-informatics and data science into tangible products to assist toxicologists and medicinal chemists in their daily work. Using cutting edge technologies, Phenaris provides data, models, and decision support in all aspects of in silico toxicology.

Using cutting edge technologies we provide data, models, and decision support in all aspects of in silico toxicology:

**Model Development:** High quality predictive toxicity models are needed to support risk assessment. Based on high quality data, we provide a set of models for transporter and toxicity endpoints, which are constantly kept up to date.

**Decision Support:** Prioritizing the right compounds is key for successful drug development. Our integrated toxicological read across platform ToxPHACTS supports decision making in all phases of drug discovery. This does not only save time and money, but also reduce the number of animal experiments.

**Our services include:**

Transporter Informatics: We offer detailed ligand- and structure-based assessment of how your compounds interact with transporters.

Safety Assessment: We offer toxicological read across as implemented in ToxPHACTS combined with our in house toxicity prediction models

**We are looking for the following business opportunities:**

We are looking for potential customers which are interested in expanding their portfolio on in silico toxicology models as well as partners who would like to get in silico models customized to their chemical space.

**SteadySense GmbH**

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SteadySense is specialized in research, development, and sales of reliable, easy to use medical devices with the mission to make daily life easier.

SteadySense developed an intelligent temperature sensor which is integrated into a patch. This sensor patch measures the user's body temperature every few minutes and is placed under the arm and can be worn up to 7 days. The temperature values are stored in the sensor and transferred to a smartphone using NFC communication.

Core competences of the company is hardware and software development as well as application know-how for its medical products.

## **Product Description:**

### 1. femSense fertility tracking

In this application the sensor detects a woman's ovulation, and the accompanying mobile app displays the fertile days. The women can use the information to increase the likelihood of pregnancy if she wants to have children or to just track her fertility.

USP: This so-called temperature method has been known for almost 100 years, the innovation of the product is the massive increase in reliability due to continuous temperature measurements because temperature curves, rather than a single measurement point per day, are compared to detect the basal temperature increase (see: [www.femSense.com](http://www.femSense.com)). The product is very easy to use, skin friendly and hormone free.

### 2. SteadyTemp continuous temperature measurement

The same temperature sensor has an approval as a medical thermometer which measures the body temperature every few minutes. This allows the user's body temperature to be continuously monitored and displayed as a temperature curve on a smartphone or other mobile device for further diagnoses by the user or doctors.

USP: Temperature curves can be an excellent base and early indicator for infections e.g. Covid-19 or any other disease (see: [www.SteadyTemp.info](http://www.SteadyTemp.info)). The product is very easy to use, skin friendly and comfortable.

## **We are looking for the following business opportunities:**

Both products listed above are medical devices and CE certified according to the European Medical Device Regulations and we are in the process to get the Japanese medical certification within the next few months. APRAS CO.LTD is or Japanese license holder.

For the sales and distribution in Japan we are looking for:

- Wholesales and distribution partners, selling the products to the end user as well as to retail stores
- System integrators who are able to integrate our SteadyTemp system into a professional HIS environment (hospital information system or care center information system)
- System integrators who are able to integrate our SteadyTemp system into mobile health applications e.g. Covid-19 quarantine monitoring
- OEMs which are interested to add our products to their portfolio, potentially even to sell the products under their own brand name
- End user (health authorities, hospitals, Covid appointees)

**VALIDOGEN GmbH**

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W <https://www.validogen.com/>**- Product Description:**

VALIDOGEN develops customized high-performance *Pichia pastoris* protein production processes and offers straightforward production strains development as well as bioreactor cultivation & protein purification process development and optimization services

**Protein expression services:**

- Protein expression studies: Rapid assessment of expression potential, using streamlined and time saving feasibility studies
- Comprehensive strain development: Targeted and time-saving generation of high-productivity strains already considering economic target values and regulatory requirements applying VALIDOGEN's broad UNLOCK PICHIA toolbox
- Bioprocess development: Straightforward fermentation development, optimization and characterization services
- Protein purification and DSP development: Protein purification and product characterization, broad toolbox of established analytical methods
- Cell banking: Preparation and characterization of research cell banks
- Enzyme engineering: High-throughput engineering and screening of enzyme variants

**VALIDOGEN's Technology - UNLOCK PICHIA protein production platform**

- UNLOCK PICHIA promoter libraries - Exclusive AOX1 promotor libraries for fine-tuned methanol-inducible or methanol-free protein production
- UNLOCK PICHIA platform strains - Panel of different platform strains tailored for diverse applications
- UNLOCK PICHIA expression enhancing helper factors - Enhancement of product yields and quality - helper factor co-expression fine-tuned by VALIDOGEN's AOX1 promoter libraries

- UNLOCK PICHIA secretion signals - Novel secretion signals outperforming conventional leader sequences for many target proteins
- UNLOCK PICHIA high-throughput technologies - High-throughput cultivation & screening for a rapid and reliable generation & identification of high-level production strains
- UNLOCK PICHIA Glycoengineering - Enhanced glycoprotein production - "UNLOCK PICHIA" boosting "Pichia Glycoswitch®"
- UNLOCK PICHIA half-life extension - HSA fusion proteins - biopharmaceuticals and biobetters with increased half-life

### - Core Capabilities

UNLOCK PICHIA represents the broadest toolbox and most versatile technology platform available for *Pichia pastoris* recombinant protein production.

UNLOCK PICHIA advantages

- Numerous expression tools & different strategies
- Targeted debottlenecking for yield maximization
- Secreted products - beneficial starting point for protein purification
- Complete absence of methanol through VALIDOGEN's methanol-free promoters
- Tailor-made glycoproteins - UNLOCK PICHIA boosting Pichia GlycoSwitch®
- Stable, robust and scalable processes for commercial manufacturing

### - Company Information

VALIDOGEN, formerly known as VTU Technology, is a leading Austrian contract research and development company. VALIDOGEN offers UNLOCK PICHIA - the broadest toolbox and most versatile technology platform available for *Pichia pastoris* recombinant protein production. Founded in 2008, the company emerged to a globally recognized player in the field of *Pichia pastoris* based protein expression.

### - We are looking for the following business opportunities:

VALIDOGEN is looking for companies in need of services for microbial protein production process development from e.g., pharma, biopharma, animal health, diagnostic, food & feed and other industries.



# **VirusSure GmbH**

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VirusSure is an Austrian company specialising in the virus and prion safety testing of biopharmaceutical products. Since 2019, VirusSure has been part of Asahi Kasei BioProcess, a global leader in the biotech market.

The company boasts a wealth of experience in various aspects of biosafety testing, and offers high quality and cost effective contract testing specifically tailored to meet the need of each product. Both our in vitro and in vivo facilities are certified to GLP/GMP standards to ensure a high standard for all our testing. Our customer service is second to none and we work together closely with all our customers to develop the best testing strategy for their product. Our reports have been submitted and accepted by regulatory authorities worldwide,

including EMEA, PEI, AFSAPPS, FDA, KFDA, JMLHW and the TGA.

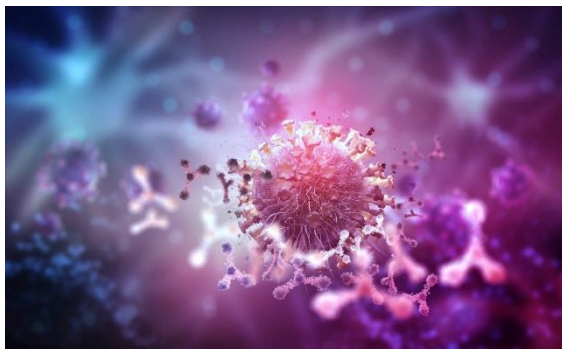
**Our services include:**

- Virus clearance studies (using either infectivity or qPCR test systems)
- Prion clearance studies (via Western blot or bioassay titration)
- In vitro and in vivo adventitious agent testing
- Retrovirus testing (cell culture and molecular biology)
- PCR testing for virus contaminants, Mycobacteria and Mycoplasma
- Sequencing services
- Tumorigenicity and oncogenicity testing
- Cell banking and virus banking
- Cell bank characterisation
- Virus seed characterisation
- GMP cell and virus storage
- Bio-distribution studies
- Virus inhibition/interference tests (testing of antiviral substances)
- Virus safety assessments (consultancy services)

**We are looking for the following business opportunities:**

VirusSure is interested in meeting clients in the pharmaceutical and biotechnology industry (e.g. pharmaceutical, biotechnology companies, CMOs and CDMOs) developing and/or manufacturing biological products such as:

- Antibodies
- Recombinant proteins
- Vaccines
- Viral vectors
- ATMPs (Gene Therapy, Cell Therapy, Tissue Engineering)
- Animal-derived and blood products





**ZETA GmbH**

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Contact person for Japan:

Mr. Alexander LAUSECKER

The ZETA Group, with 800 highly qualified employees and 13 subsidiaries worldwide, specializes in planning, automation, digitization and maintenance of customized biopharmaceutical facilities for aseptic process solutions. ZETA acts as a one-stop shop, combining plant engineering with HVAC and cleanroom design.

Biopharmaceutical active ingredients, such as anti-cancer drugs, insulin, vaccines and infusions are produced in these highly complex, "tailor-made" facilities. ZETA supports its customers along the entire drug development and manufacturing pathway with sophisticated solutions from laboratory to industrial production scale. Through its Smart Engineering Services, ZETA creates digital twins of process plants and has thus established itself as a market leader for digital solutions in the pharmaceutical and biotech industry.

**Our services include:**

- Engineering Services Basic - Concept Detailed Design
- Smart Engineering Services – Digitalization, Industry 4.0
- HVAC and Cleanroom Design
- Bioreactors and Fermentation Systems
- Automation for Liquid Aseptic Production Processes
- Downstream Systems
- Preparation Systems
- Clean Media Systems
- Processing Systems for the Food Industry
- Magnetic Agitators
- Decarbonization Support
- EPCM

**Notes:**



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