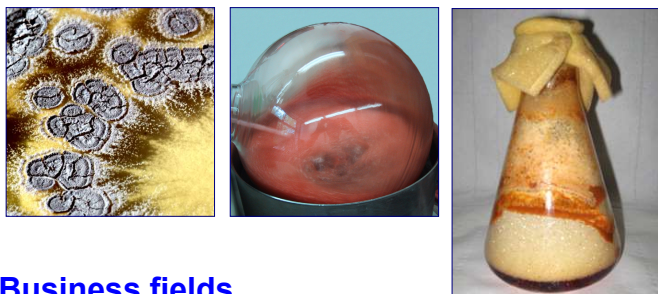


Background

Bioiotica Naturstoffe GmbH is a spin-off company founded by Prof. Dr. Axel Zeeck in 2006 on an agreement with the University of Goettingen. Prof. Zeeck researched for four decades in the field of Natural Product Chemistry at University of Goettingen and is retired now. Based on his long lasting experience and the enormous funds of producer strains active compounds can be isolated and delivered worldwide by Bioiotica GmbH. These active Natural Products, derived from bacteria and fungi, can be used as important tools cause of their antibacterial, antifungal, antiviral or antitumor activity. Technical know-how is supported by Hans-Peter Kroll. As chemical technician he is exceedingly experienced in fermentation, isolation and characterization of Natural Products.



Business fields

Bioiotica isolates bioactive Natural Products from bacteria, yeasts or fungi in milligram scale and sells them as research reagents on the global market. This offer is for research laboratories of the pharmaceutical industry as soon as the medical and molecular genetic basic research. The range of the product line-up of Bioiotica contains more than 300 worldwide asked Natural Products with well known specific activities or molecular structures, for example Actinomycins, Bafilomycins, Concanamycins. For a lot of Natural Products Bioiotica GmbH is the only commercial source.

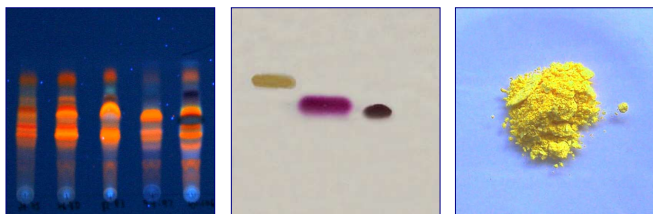
Bioiotica works also on individual research assignments, like e.g. cultivation, isolation and structure elucidation of compounds from given sources.

The third business field is the arrangement of Natural Products libraries out of our pool. These libraries are collections of Natural Products composed and based on similar structures or biological activities for research purposes.

What are research reagents?

Biological active Natural Products are essential reagents and tools used in medicinal, pharmacological and biochemical research. They act as specific reference substances in different indication areas.

Bioiotica offers Natural Products with specific activities against bacteria, fungi or viruses. They are able to inhibit enzymes, which cause metabolic diseases or needed by cancer cells for reproduction. Such helpful compounds can't be produced by the users due to the fact of the effort and complexity.




Every research laboratory which studies the activity, bioavailability or decomposition of chemical sub-stances, need reference substances in selected assays to compare the biological activities with own products or to find and investigate new effects. More than 50% of all currently approved drugs are based on Natural Products or their derivatives. Natural Products are used as active substances in agriculture or food industry.


Bioiotica provides requested Natural Products in a high pureness. Bioiotica isn't going into pharmaceutical drug development.



Executives: Hans-Peter Kroll, Prof. Dr. Axel Zeeck

Business segments short form

 We produce biological active Natural Products derived from bacteria and fungi which are delivered to an international market. These Natural Products are useful tools for research laboratories, pharmaceutical companies and academia, as well as for medicinal fundamental research.

 We also work on individual research assignments, like e.g. cultivation, isolation and structure elucidation of compounds from given sources.

 We arrange Natural Products libraries in microgram or milligram scale out of our pool of more than 300 Natural Products.

 **BioViotica**
Rare Active Natural Products

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Contact us

Please contact us if you have any general enquiries. If you are interested in our work with Natural Products, the technical background of the production process, our products, services or consultancy – we are glad to answer your questions.

Ordering of research chemicals

 BioViotica Naturstoffe GmbH is a partner of Adipogen AG (Switzerland), a comprehensive distributor of fine chemicals for different targets. Orders within Germany will be arranged directly by BioViotica.



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BioViotica Naturstoffe GmbH

Active Natural Products
as research reagents


Individual research assignments


Libraries of Natural Products