

PRESS RELEASE

Strategic cooperation among BRAIN and Nutrinova - Brain achieves milestone

Zwingenberg/Frankfurt, January 2005 – German Biotechnology company BRAIN AG and nutrition & food ingredients specialist Nutrinova GmbH report one year of successful collaboration in the field of nutraceuticals. The partners now disclose their collaboration with the fulfillment of another milestone by BRIAN. The strategic cooperation aims at the development of novel biological derived food additives.

The growing public awareness towards health issues results in an increased demand for health promoting natural food additives (so called nutraceuticals). Additionally such additives also improve food taste and overall quality. BRAIN conducts comprehensive screening-campaigns in its proprietary BioArchives, large collections of natural-products and natural-products producing microorganisms and accomplished an initial proof-of-concept. This triggered another contractual milestone payment.

„We are very happy about the way our cooperation with Nutrinova is proceeding” says Dr. Holger Zinke, CEO of BRAIN Aktiengesellschaft. “We view the expanding nutraceuticals market as an attractive field to which to apply our concepts of exploring the biodiversity of novel natural compounds. With Nutrinova we have teamed up a very successful innovation-driven partner”.

„Focussing on innovative products we see great potential for our company in the nutraceuticals market, says Dr. Arthur Steinmetz, head of Nutrinova GmbH. „We will further extend this successful strategy and with BRAIN we have chosen a very competent partner in the field of natural products. We can thereby develop novel natural food additives for our customers providing added value through

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health promoting effects.“

The cooperation between BRAIN and Nutrinova is another prominent example in the field of „White Biotechnology“ – an area of biotechnology that Nutrinova has entered already producing the highly unsaturated omega-3 Fatty acid DHA (Docosahexanoic acid) using microalgae. DHA is used as a health promoting food additive and in so-called functional food.

Biological food additives are among the most attractive developmental areas within this most dynamic field of white biotechnology. EuropaBio and McKinsey estimate that between 10 and 20 % of total revenues in the chemical industry will be based on biological processes and products by the year 2010.

About BRAIN AG:

BRAIN Biotechnology Research and Information Network AG is an innovative company focusing on the discovery and development of novel enzymes and bioactives. Its novel EvoSolution® technology platform combines the untapped biodiversity of microorganisms and plants with modern methods of molecular biology. The company located in Zwingenberg within the research and industrial region Rhine-Main-Neckar has at its disposal a comprehensive BioArchive with over 100 million genes of unique and non-cultivable microorganisms. Based on these resources BRAIN identifies novel technical enzymes for biotechnological production and synthesis processes (biotransformation) in the chemical and life science industries as well as new bioactive substances and lead candidates for the pharmaceutical and cosmetics market, and develops the basis for their large-scale industrial production. The company, which was founded in Darmstadt in 1993, currently employs a staff of 40.

About Nutrinova GmbH:

Nutrinova is an internationally leading supplier of functional additives for the food and drinks industry. Nutrinova produces and markets the sweetener Sunett® (Acesulfam-K) and is a world-leading producer of food preservatives. Nutrinova is also active in the fields of dietary fibers and omega-3 fatty acids. Headquartered in Frankfurt/Main, Germany Nutrinova is represented globally in all relevant markets through 14 marketing and sales offices.



BRAIN – collections of natural-products

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Nutrinova – Fabrication of food ingredients

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