

PRESS RELEASE

Invitation for BRAIN to present climate protection project during G8 Summit to the international press

Zwingenberg, Germany, May 29, 2007 – A great honour for the project team: the long lasting co-operation between BRAIN AG and Henkel KGaA was selected by the association "Germany - Land of Ideas" to present their achievements to the international press during the supporting climate protection program of the G8 summit taking place in Germany in June 06 and 07. The initiative "Germany - Land of Ideas " is sponsored by the German government as well as by commerce and industry, represented by the German Industry Association (BDI) and leading corporations. The goal of the initiative is to envision the message of the world-renowned quality of Germany: its inventiveness and creative passion. German President Horst Köhler, who was widely recognized using the term "Land of Ideas" in his inaugural speech, is the patron of the initiative.

Within this awarded collaboration the gentled team worked on the improvement of detergent enzymes. Since 1999 BRAIN gave its partner Henkel access to new and novel Enzymes from yet uncultivated microorganisms, through using its Metagenome® technology.

The latest project within this long lasting cooperation dealt with cold active egg white degrading detergent enzymes. The project was supported by the German Federal Ministry of Education and Research (BMBF) within its program "Sustainable Bioproduction" in favour of Henkel KGaA. Early this year the project was successfully completed.

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During the last years the performance of detergents continuously was improved leading to an enormous reduction of resource wastage. A reduction of the average washing temperature from 60 °C down to 40 °C leads to energy savings of some 50%. Reflecting Germany alone, these energy savings correlate to CO₂ savings of more than 1 million tons of the greenhouse gas per year.

Looking at that cooperation it is impressively documented that through the application of high-tech methods biotech-companies in partnership with industry through in the first view unspectacular improvements of small parts enormous resource savings can be achieved. With this "white biotechnology", the „application of nature`s toolset for industrial products and processes“, turns out to be the key to a cleaner and environmentally sound future.

Representing the whole project team, Dr. Holger Zinke, CEO of BRAIN AG, on the occasion of the G8 summit in Germany will present the project to the international press. The occasion takes place in the tent of the “Bundespresseamt” located in Bad K hlungsborn, on June 06, at 4.30 pm.

About BRAIN

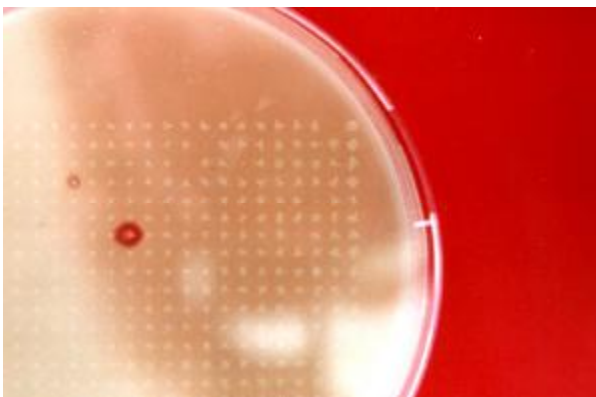
BRAIN - Biotechnology Research And Information Network AG is a research and development company focusing on enzymes, bioactive natural compounds, and technical proteins. The innovative EvoSolution® technology platform brings together the biochemical and biocatalytic potential of microbial and plant biodiversity with modern microbiology methods. BRAIN's head office located in Zwingenberg in the Rhine-Main-Neckar region, one of Germany's most important research and industrial areas, is home to a comprehensive unique BioArchive of natural biodiversity, containing microorganisms and algae plus the vast corresponding genetic resources including that of hitherto uncultivated species. Within these resources, BRAIN identifies and develops new enzymes and production organisms for industrial use in the chemical and life sciences sectors. Furthermore, linking chemical structure to biological function, using BRAIN's proprietary cellular based assay tool box new bioactive natural compounds for the food and cosmetic markets are identified and accompanied to an industrial application. BRAIN was founded in 1993 and currently employs a staff of 55 people.

www.brain-biotech.de

Pictures:

Dr. Holger Zinke, CEO of BRAIN AG, during a panel discussion on the impact of white biotechnology.

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On the search for microbial detergent enzymes from the soil. More than 250.00 so called Metagenome[®] clones are screened for the respective activity in each single experiment. Positive candidates are identified on clearing the milk powder substrate in the agar plate.

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Pictures and Text:

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