

PRESS RELEASE

BRAIN reaches important milestone in strategic partnership with DIANA Pet Food

Zwingenberg (Germany) and Elven (France), June 30, 2016:

B.R.A.I.N. Biotechnology Research and Information Network AG („BRAIN AG“; ISIN DE0005203947 / WKN 520394) and DIANA Pet Food, world’s leading partner for performance solutions in the pet food industry, member of the Symrise Group, today announce the achievement of an important milestone within their strategic partnership in the field of cat taste science. During the first year of this strategic collaboration established for 5 years, the partners were able to establish proliferating cat taste cells (CTC) ahead of schedule with the goal to perform long term studies on the taste perception in cats.

This CTC-technology is similar to the recently patented and published BRAIN human taste cell (HTC) technology, being used by BRAIN for screening purposes to improve human food formulations in order to reduce calorie (sugar/fat) and salt intake with the diet. Nonetheless, human taste cell lines cannot be used for screening purposes in order to

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improve pet food palatability, as it is well accepted that human taste and flavour perceptions is far different from that of cats and dogs.

"We are very happy that, in only a few months, our strategic partnership with BRAIN allowed achieving that important milestone. This is a valid basis for the next steps in our joint program," says Isabelle Guiller, Global R&D Director at DIANA Pet Food. "Palatability performance strongly depends on the interaction between food properties, pet sensory equipment and individual preferences. That is why we believe that the CTC-technology is a promising and potent method to increase our knowledge on cat taste mechanisms. Combined with sensorial testing in animal panels, it will enable us developing increasingly more powerful palatants satisfying cats, thus their owners."

Dr. Michael Krohn, Executive VP at BRAIN AG states: "It is great to see that we were able to achieve that important milestone ahead of time. It was of great help for us, though, to transfer the knowledge we achieved on the human taste cell line technology during the last years on the cat taste cells. To our knowledge together with our strategic partner DIANA Pet Food we are the only ones in the world having this novel CTC-technology in place."

About BRAIN

BRAIN is one of Europe's leading technology companies in the field of industrial biotechnology, the core discipline of Bioeconomy. As such, BRAIN identifies previously untapped, efficient enzymes, microbial producer organisms or natural substances from complex biological systems that can be put to industrial use. The innovative solutions and products developed by help of this "Toolbox of Nature" are successfully applied in the chemistry, the cosmetics and the food industries. Today, BRAIN's business model is based on two pillars – "BioScience" and "BioIndustrial". The first pillar, "BioScience", comprises its – frequently exclusive – collaboration business with industrial partners. The second pillar "BioIndustrial" comprises the development and commercialisation of BRAIN's own products and active product components. Further information is available at www.brain-biotech.de/en

About Diana Pet Food

Diana Pet Food, the world's leading partner committed to improving pet food performance, develops innovative solutions to increase the well-being of cats and dogs, and pet owner satisfaction. Integrating global pet food market trends and local needs, Diana Pet Food works closely with its customers with the sole objective of supporting their brand positioning and their values. Thanks to a unique innovation policy based on a combined understanding of pet food attributes, animal specificities and pet owners' expectations, Diana Pet Food offers an exclusive set of services and a wide product portfolio targeting pet food Palatability, pets Health & Nutrition and Natural Pet Food Protection. Worldwide leader in palatability solutions, it relies on a strong establishment in 5 continents with 900 employees, 17 industrial sites, 18 sales offices, 1 research center, 4 regional development and technical support centers and 3 expert centers in palatability measurement gathering more than 600 cats and 250 dogs.

Diana Pet food is part of Diana, a division of the Symrise Group. Within the Symrise Group, Diana is the trusted partner in advanced natural well-being solutions for food, pet food and aquaculture markets, and constantly explores new fields in responsible nutrition.

www.diana-group.com

www.symrise.com

Images and text from this press release can be found at www.brain-biotech.de