

ProcessNet in Aachen: Baker's Yeast in the Chemical and Food Industries

Aachen/Berlin, 25 September 2014 – Experts have long been aware that yeast isn't just for baking, but that it has a key role in biotechnology, food manufacturing, and the chemical industry. The specific products and processes yeast is actually used in will be the topic of a presentation by Prof. Dr. Detlef Goelling of Organobalance GmbH, at the annual biotechnology meetings of "ProcessNet" and "Dechema" which will be held from September 30 to October 2 in Aachen.

"Baker's yeast is an organism that is robust, well-established, and excellently suited for industrial application in the production of protein and other valuable materials", Prof. Goelling said in a pre-released statement. Areas of use include the manufacturing of ethanol and succinic acid, but also the production of fruit juice.

In his presentation, Detlef Goelling will show, among others, methods to apply baker's yeast enzymes effectively on an industrial scale in development and production. These results are based on joint research undertaken by, in addition to Organobalance, the Technical University of Berlin as well as private enterprises such as infoteam Software AG, Biosilta, and Precision Sensing.

The network "ProcessNet" is an initiative of DECHEMA (Society for Chemical Engineering and Biotechnology) and VDI-GVC (The Association of German Engineers - Society for Chemical and Process Engineering). It includes sections, study groups, and committees in the areas of process engineering, chemical engineering, technical chemistry.

About ORGANOBALANCE:

ORGANOBALANCE is a research and development company, and one of the technology leaders in the area of what are referred to as probiotic bacteria. We develop organisms for industrial biotechnology and for our own bio-based products. The company was established by Prof. Dr. Christine Lang in 2001. At its facilities in Berlin and Flensburg, the company is currently employing a staff of about 30 employees working on projects for companies such as BASF and General Mills and other well-known customers from the food, cosmetics, feed, agriculture, and pharmaceuticals industries. Ms. Lang and ORGANOBALANCE have won several entrepreneurial prizes.

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