

## **New study confirms presence of bifidobacteria and lactobacilli in breast milk from Chinese mothers**

A study initiated by Chr. Hansen has shown that bifidobacteria and lactobacilli are present in breast milk from Chinese mothers, strengthening the case for adding clinically documented probiotics to infant formula, in order to improve nutrition.

In the last decade, research has shown that breast milk from Western women contains bacteria, such as bifidobacteria and lactobacilli. Bifidobacteria are known to play an important role in the development of a healthy microbiota in infants and children, which is beneficial to the digestive and immune functions. A new study now confirms a presence of the same bacteria in breast milk from Chinese mothers.

The study was initiated by Chr. Hansen and conducted in collaboration with Shanghai Institute of Pediatric Research. The main author, Dr. Linxi Qian, presented the results last week at the European Society for Pediatric Gastroenterology, Hepatology and Nutrition 2015, in Amsterdam.

### **Important findings for infant formula development**

Chr. Hansen continuously invests in clinical studies within the infant segment, and previous studies have shown that the probiotic Bifidobacterium strain named **BB-12**<sup>®</sup> may be effective in preventing gastrointestinal and respiratory infections in infants and children<sup>1</sup>. The product portfolio also includes Lactobacillus, LGG<sup>®</sup> which is the world's best documented lactobacillus.

Mikkel Jungersen, Scientific Advisor, Human Health & Nutrition, Chr. Hansen, says: "The confirmed presence of bifidobacteria and lactobacilli in Chinese breast milk is essential knowledge for all those who are active in the infant formula business in China. It makes sense for a mother who is feeding her baby with infant formula to prefer a product resembling real breast milk the most, and this study shows that bifidobacteria and/or lactobacilli are essential additives to nutritious infant formula."

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<sup>1</sup> Chouraqui et al. 2004; Saavedra et al. 2004; Saavedra et al. 1994; Taipale et al. 2010 Rautava et al. 2009.

For more information on the study or on **BB-12**<sup>®</sup> or **LGG**<sup>®</sup>, please do not hesitate to contact Mikkel Jungersen, [DKMKJ@chr-hansen.com](mailto:DKMKJ@chr-hansen.com) or visit the product website: <http://www.chr-hansen.com/products/product-areas/probiotics-for-dietary-supplements/strains.html>

To read more about Chr. Hansen's **BB-12**<sup>®</sup>, click [here](#).

To read more about **LGG**<sup>®</sup>, click [here](#).

Note: Chr. Hansen is committed to the highest standards of responsible marketing of breast milk substitutes and complies with the WHO Code as implemented by national governments.