Satellite Symposium

Human Milk Oligosaccharides – Nature’s Secret Weapon

Thursday 11th May 2017
13:00 – 14:00 | Congress Hall
50th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN)
Prague | Czech Republic
Human Milk Oligosaccharides – Basic Science, Structure and Functions

HMOs are unique components without any similarity to other oligosaccharides. Their unusual structural variety predispose them to multifunctional effects, from anti-bacterial and antiviral to anti-inflammatory functions, with a high potential to provide a preventive tool for gastrointestinal and systemic diseases.

Clemens Kunz | Germany
Institut für Ernährungswissenschaft
Justus-Liebig-Universität
Speaking at 13.00

Human Milk Oligosaccharides and Neonatal Immunity

Human milk oligosaccharides are abundant complex structures that have the potential to impact infant immune function through direct and indirect mechanisms, including by inhibiting pathogen attachment, by interacting with receptors on immune cells and by promoting the growth of beneficial microbes, which in turn interact with the developing immune system.

Sharon Donovan | USA
Department of Food Science and Human Nutrition, Carl R. Woese Institute for Genomic Biology, University of Illinois
Speaking at 13.30

Chair: Ferdinand Haschke | Austria