Further reading

**General publications on HMOs and breast milk**

*Human breast milk: A review on its composition and bioactivity*

**Bode, L.** (2012) Glycobiology, Sep;22(9):1147-62
*Human milk oligosaccharides: every baby needs a sugar mama*

*Oligosaccharides in human milk during different phases of lactation*

*Direct evidence for the presence of human milk oligosaccharides in the circulation of breastfed infants*

*Breastfed at Tiffany’s*

**Hennet, T.**, et al. (2014) Swiss Med Weekly Feb 19;144
*Decoding breast milk oligosaccharides*

*Human milk oligosaccharides and their potential benefits for the breast-fed neonate*

*Historical aspects of human milk oligosaccharides*

*Glycobiology of human milk*

*Milk oligosaccharides and metabolism in infants*

*Systematic review of the concentrations of oligosaccharides in human milk*

*The predominance of type I oligosaccharides is a feature specific to human breast milk*

**Preclinical safety studies**

**Coulet, M.** et al. (2014), Regul Toxicol Pharmacol. Feb;68(1):59-69
*Pre-clinical safety evaluation of the synthetic human milk, nature-identical, oligosaccharide 2'-O-Fucosyllactose (2’FL)*

**Coulet M.** et al. (2013), Food Chem Toxicol. Dec;62:528
*Pre-clinical safety assessment of the synthetic human milk, nature-identical, oligosaccharide Lacto-N-neotetraose (LNnT)*

**Hanlon, PR**, et al. (2014), Food Chem Toxicol. Dec;74:343-8
*A 3-week pre-clinical study of 2’-fucosyllactose in farm piglets*

**Clinical studies**

*Oral supplementation of healthy adults with 2’-O-fucosyllactose and lacto-N-neotetraose is well tolerated and shifts the intestinal microbiota*

*Similar to Those Who Are Breastfed, Infants Fed a Formula Containing 2’-Fucosyllactose Have Lower Inflammatory Cytokines in a Randomized Controlled trial*

*Infants Fed a Lower Calorie Formula With 2’FL Show Growth and 2’FL Uptake Like Breast-Fed Infants*

*Effects of Infant Formula With Human Milk Oligosaccharides on Growth and Morbidity: A Randomized Multicenter Trial*
Further reading

Application and mechanism focussed publications


**Bode, L.** (2012) Glycobiology, Sep;22(9):1147-62 Human milk oligosaccharides: every baby needs a sugar mama


**Craft, KM, et al.** (2017), ACS Infect Dis. 2017 Nov 15 The Human Milk Glycome as a Defense Against Infectious Diseases: Rationale, Challenges, and Opportunities.


