
Publication list – Donation program

- 1 Arboleya et al. (2018) Gene-trait matching across the *Bifidobacterium longum* pan-genome reveals considerable diversity in carbohydrate catabolism among human infant strains; *BMC Genomics*; 19:33

 - 2 Balogh R et al. (2015) Determination and quantification of 2'-O-fucosyllactose and 3-O-fucosyllactose in human milk by GC-MS as O-trimethylsilyl-oxime derivatives; *J Pharm Biomed Anal*; 115:450-6

 - 3 Bunesova et al. (2017) Mucin Cross-Feeding of Infant *Bifidobacteria* and *Eubacterium hallii*; *Microbial Ecology*; Volume 75, Issue 1, pp 228–238

 - 4 Bunesova V et al. (2016) Fucosyllactose and L-fucose utilization of infant *Bifidobacterium longum* and *Bifidobacterium kashiwanohense*; *BMC Microbiology*; 16:248

 - 5 Comstock et al. (2017) Dietary Human Milk Oligosaccharides but Not Prebiotic Oligosaccharides Increase Circulating Natural Killer Cell and Mesenteric Lymph Node Memory T Cell Populations in Noninfected and Rotavirus-Infected Neonatal Piglets; *J Nutr*; doi: 10.3945/jn.116.243774

 - 6 Crost EH et al. (2013) Utilisation of mucin glycans by the human gut symbiont *Ruminococcus gnavus* is strain-dependent; *PLoS One*; 8(10):e76341.

 - 7 Crost, E.H., et al. (2016) The mucin-degradation strategy of *Ruminococcus gnavus*: The importance of intramolecular trans-sialidases; *Gut Microbes*; 7(4): p. 302-312.

 - 8 Garrido D et al. (2015) Comparative transcriptomics reveals key differences in the response to milk oligosaccharides of infant gut-associated bifidobacterial; *Scientific Report*; 5:13517.

 - 9 Garrido, D., et al. (2016) A novel gene cluster allows preferential utilization of fucosylated milk oligosaccharides in *Bifidobacterium longum* subsp. *longum* SC596; *Scientific Report*; 6: p. 35045.

 - 10 Huang YL et al. (2015) Sialic acid catabolism drives intestinal inflammation and microbial dysbiosis in mice; *Nat Commun*; 6:8141.

 - 11 James et al. (2016) *Bifidobacterium breve* UCC2003 metabolises the human milk oligosaccharides lacto-N-tetraose and lacto-N-neo-tetraose through overlapping, yet distinct pathways; *Scientific Report*; 6:38560

 - 12 Li M et al. (2014) Human milk oligosaccharides shorten rotavirus-induced diarrhea and modulate piglet mucosal immunity and colonic microbiota; *ISME J*; 8(8):1609-20.

 - 13 Marcobal A et al. (2011) Bacteroides in the infant gut consume milk oligosaccharides via mucus-utilization pathways; *Cell Host Microbe*; 10(5):507-14.

 - 14 Ruiz-Moyano S et al. (2013) Variation in consumption of human milk oligosaccharides by infant gut-associated strains of *Bifidobacterium breve*; *Appl Environ Microbiol*; 79(19):6040-9.

 - 15 Schwab et al. (2017) Trophic Interactions of Infant *Bifidobacteria* and *Eubacterium hallii* during L-fucose and Fucosyllactose Degradation; *Frontiers in Microbiology*; 8:95

 - 16 Weiss GA et al. (2014) Selective proliferation of intestinal *Barnesiella* under fucosyllactose supplementation in mice; *Br J Nutr*; 111(9):1602-10.
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