SAMYANG
SINCE 1924

Prebiotic nutrition for everyday wellness

Meioligo™ Short-chain fructooligosaccharide

What is Meioligo™?

Naturally occurring oligosaccharides

scFOS are naturally occurring short-chain oligosaccharides found in a variety of fruits and vegetables.

A prebiotic dietary fiber

scFOS resist digestion and absorption in the upper gastrointestinal tract and reach the large intestine, where they are utilized by beneficial gut bacteria.

Why choose Meioligo™

Pioneering history
World's first functional oligosaccharide developed by Meiji.

Decades of clinical research
Backed by decades of clinical research on scFOS and its health benefits.

Global regulatory recognition
Regulatory approvals enabling scFOS business across major international markets.

Characteristics	Meioligo™ P	Meioligo™ L55
Type	Powder	Syrup
Source	Sucrose	Sucrose
Dry solids (g/100g,%)	Above 95	Above 75
Fructooligosaccharides (dry basis, %)	Above 95	Above 55
Sugar (dry basis, %)	Below 5	Below 45

Versatile applications of Meioligo™

Moisture retention | Balanced sweetness | Flavor enhancement | Soft & moist texture | Controlled browning


Ice cream


Sponge cake


Biscuits / Cookies


Yogurt


Fermented milk drinks

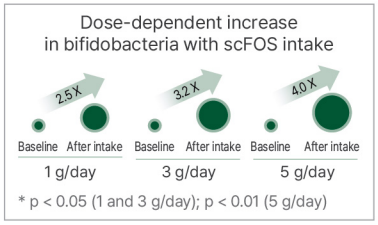
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Key health benefits of Meioligo™

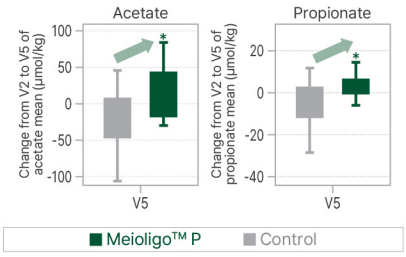
Improved gut microbiota

Supports beneficial gut bacteria and microbial activity

1) Increased bifidobacteria



2) Significant increases in fecal SCFAs (acetate & propionate)

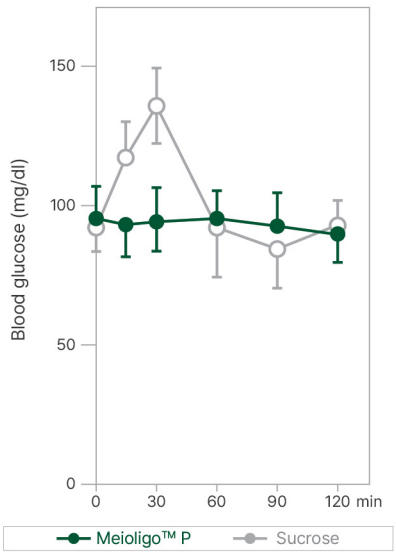


Source :
- Gut microbiota: Adapted from Tokunaga et al., Bifidus, 6, 143–150 (1993).
- SCFAs: Le Bourgot et al., Front. Nutr., 12:1718169 (2025)

Low glycemic response

Minimal impact on blood glucose

Blood glucose level

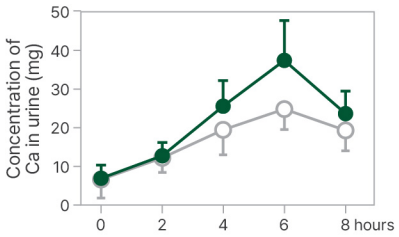


Source :
Yamada et al., Digestion & Absorption, 13(2), 83–91 (1990).

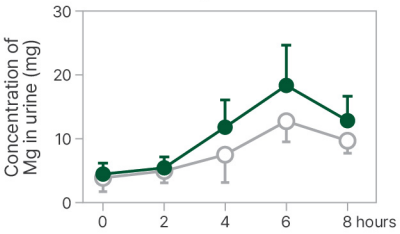
Enhanced mineral absorption

Supports calcium & Magnesium absorption

Amount of Ca excretion in urine



Amount of Mg excretion in urine

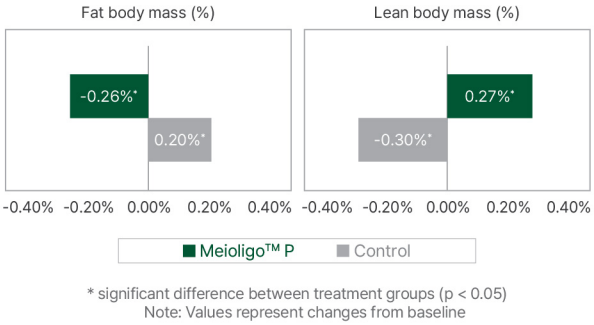


Source :
Hosono et al., JJSMgR, 16(2), 87–95 (1997).

Improved body composition

Decreased fat mass proportion and increased lean mass proportion

20 g/day scFOS for 12 weeks in overweight adults with prediabetes



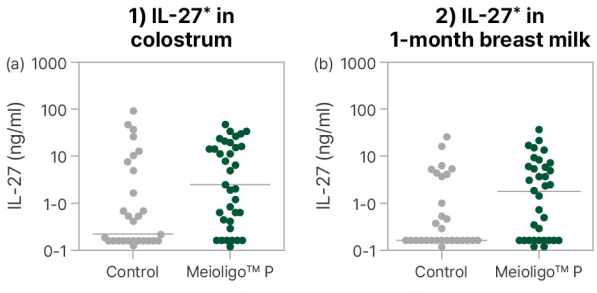
* significant difference between treatment groups ($p < 0.05$)
Note: Values represent changes from baseline

Source : Le Bourgot C. et al., Front. Nutr. 12:1718169 (2025).

Immunoregulatory effect

Higher IL-27 levels in human milk with scFOS

Maternal scFOS intake: 8 g/day from gestational week 26 to 1 month postpartum



* IL-27 : An immunoregulatory cytokine

Source : Kubota T. et al., Br. J. Nutr. 111, 625–632 (2014).

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