



Nutrition
Centre

By TATE & LYLE


PROMITOR[®]
Soluble Fibre

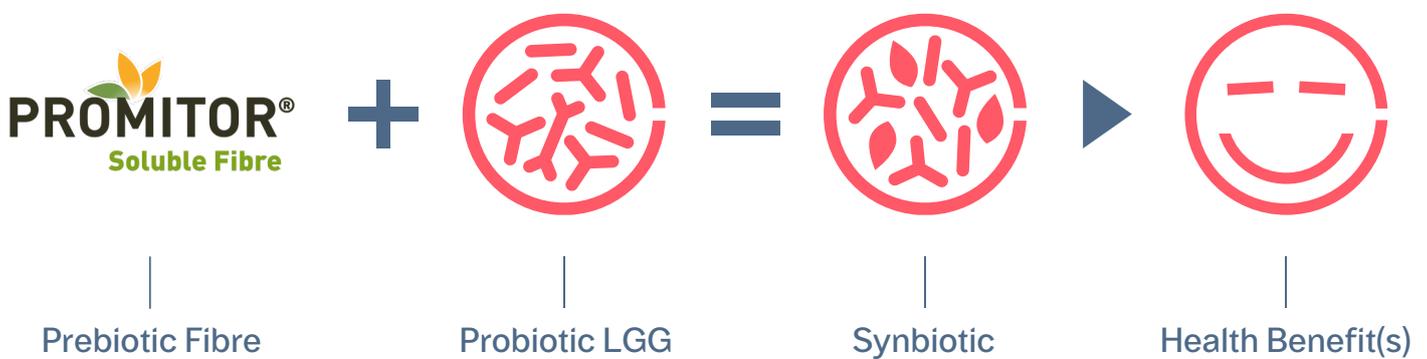
PROMITOR[®]
Soluble Fibre
and Synbiotics

Human clinical study shows the synbiotic combination of prebiotic PROMITOR® Soluble Fibre and probiotic Lactobacillus rhamnosus, LGG® supports improved marker of innate immunity and a decrease in pro-inflammatory cytokine IL-6.



The study:

Human intervention study with healthy elderly adults (aged 60-80), consumed 12 g/day of PROMITOR® Soluble Fibre with or without L. rhamnosus GG® for three weeks (1).



The results:

Significant changes in gut microbiota

All treatments (fibre alone or with probiotics) provided significant changes in gut microbiota, while a placebo did not.

Increased NK cell activity

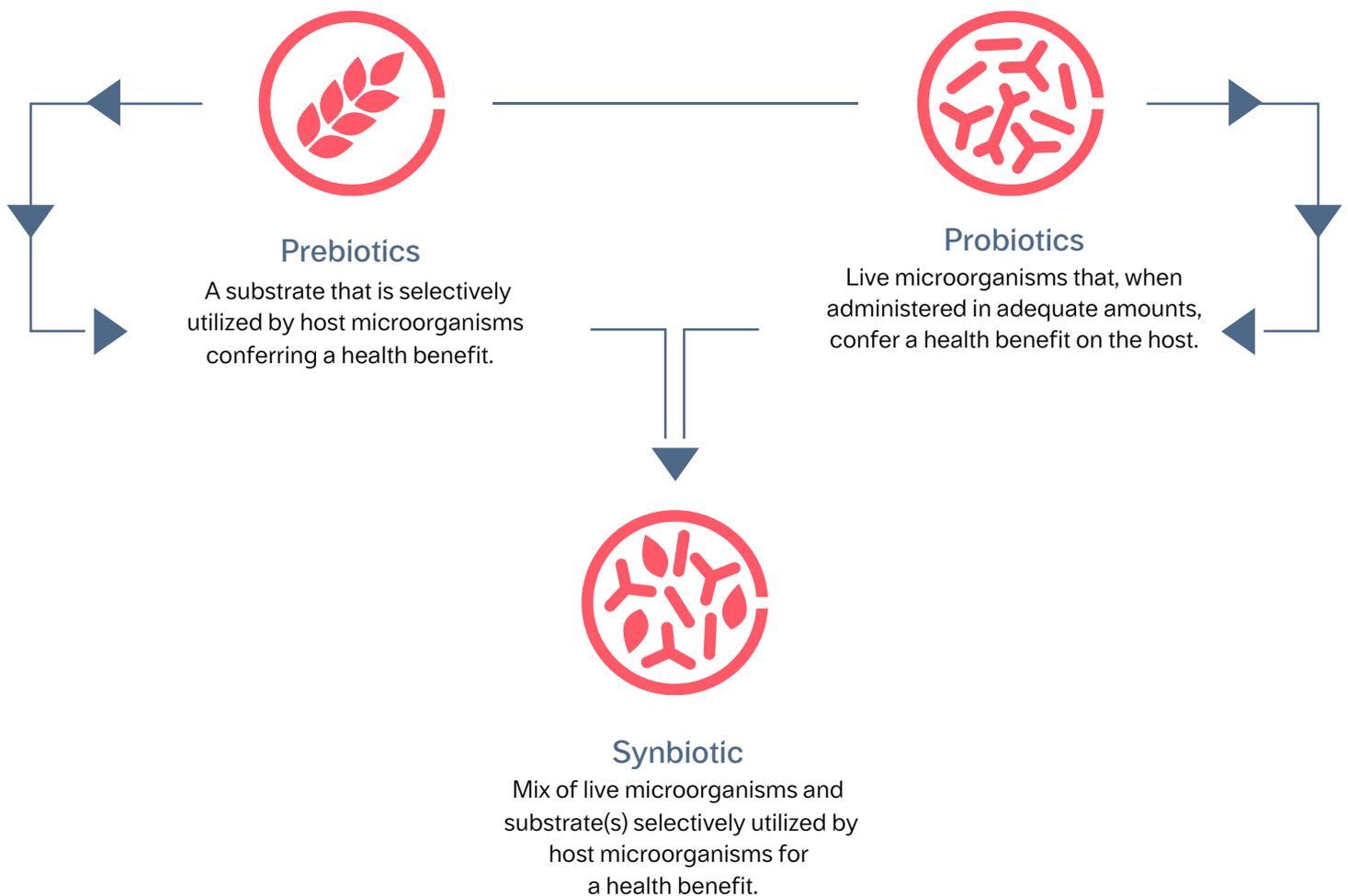
Consumption of L. rhamnosus GG® combined with PROMITOR® Soluble Fibre increased NK cell activity, a marker of innate immunity, compared to baseline in females and the older group.

Decrease of the pro-inflammatory cytokine IL-6

In addition, the study showed a decrease of the pro-inflammatory cytokine IL-6 with the dietary intervention of PROMITOR® Soluble Fibre alone.

Consensus:

A consensus statement released by The International Scientific Association for Probiotics and Prebiotics (ISAPP)* provides a definition and scope of synbiotics (2).



Overview:

PROMITOR® soluble fibre makes it easy to meet consumer demands for more fibre. Thanks to its superior digestive tolerance, clean taste, consumer-friendly labeling and ease of use, PROMITOR® Soluble Fibre is the ideal ingredient for fibre fortification and/or sugar and fat reduction.



Improve Nutritional Value

PROMITOR® Soluble Fibre enables manufacturers to make a variety of fibre content claims and health benefit claims including: low glycemic response, (3) helps support healthy digestion,(4,5) prebiotic fibre, (6) helps boost calcium absorption (important for bone health) (7,8,9).



Claim-Friendly Labelling

PROMITOR soluble corn fibre can be labelled as soluble fibre or prebiotic fibre depending on regional regulatory guidelines.



Caloric Reduction

PROMITOR soluble corn fibre helps to reduce calories, maintaining texture and mouthfeel in reduced-sugar/fat products.



Superior Digestive Tolerance

PROMITOR soluble corn fibre more than two times the digestive tolerance of inulin in adults (10,11).



Clean Taste

PROMITOR® soluble corn fibre has a neutral color and clean taste. Its solubility enables manufacturers to significantly boost fibre in a broad range of applications without compromising taste and texture.



Exceptional Process Stability

PROMITOR® Soluble Fibre has exceptional process and shelf stability, even in low pH conditions. Hence there is no need to overdose for loss of fibre, resulting in an attractive cost in use.



References

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