

WellBiome®

Healthy Ageing and Wellbeing



Introducing WellBiome

WellBiome® is a functional ingredient that contains a unique complex of synergistic prebiotic fibres and a mineral to modulate the gut microbiome to support our health and wellbeing as we age.

Ageing goes together with changes in metabolism which can determine the rate of physical and cognitive decline. Physical and cognitive decline is a common result of ageing, but some individuals may age better than others.

Lifestyle and environmental effects on the microbiota can influence the ageing process which can contribute towards healthy or unhealthy ageing. Unhealthy ageing can affect the consumer day to day including intestinal problems, fatigue, lack of focus or even physical issues.

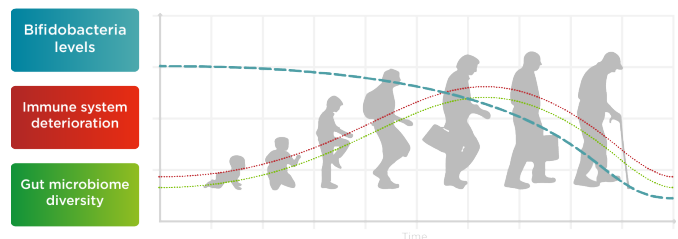
The Ageing Microbiome

The gut microbiome changes as we age. How it changes varies from individual to individual and is determined by genetic, environmental and lifestyle factors. The diversity and composition of the gut microbiome deteriorates with age, with bifidobacteria, a key health promoting group, showing a significant decline.

The gut microbiome plays a key role in immune, metabolic and neurological function, and has the potential to manage the risk of disease. Supporting gut microbiome diversity, while promoting health-positive bifidobacteria can help promote healthy ageing.

WellBiome was specially developed to rejuvenate the gut microbiome and support healthy ageing.

- 1 WellBiome® improves gut barrier function and reduces systemic inflammation, which is a contributing factor in 'multiple' age related disorders including type 2 diabetes, muscle wasting, joint inflammation and coronary heart disease.
- 2 The synergistic prebiotics within WellBiome® enhance gut microbiome diversity. WellBiome® uniquely stimulates the growth and activity of health positive bifidobacteria throughout the full length of the colon.
- 3 WellBiome® supports short chain fatty acid (SCFA) production by health positive bacteria throughout the gut. SCFA reduce the pH in the gut, promoting mineral absorption (Mg, Ca, Fe).
- 4 WellBiome® carries multiple health and nutrient content claims based on its scientifically backed ingredients. Studies on WellBiome® have shown synergistic functionality between its ingredients.



WellBiome® is an innovative patented functional ingredient that allows for preventive or corrective gut microbiome modification to support healthy ageing.



Improves Gut Barrier Function and Reduces Systemic Inflammation

Protecting your body against harmful metabolites



Supports the Growth of Health Promoting Bifidobacterium

Along the full length of the gut



Supports SCFA Production

Reducing the pH of your gut thus promoting mineral absorption



Multiple Approved Health Claims

In many jurisdictions around the world based on the extensively studied ingredients



Multi-Patent and Trademark Protected

Ensuring your brand positioning and competitive differentiation is well protected



Widely Applicable

Foods, beverages, nutritional products, and supplements

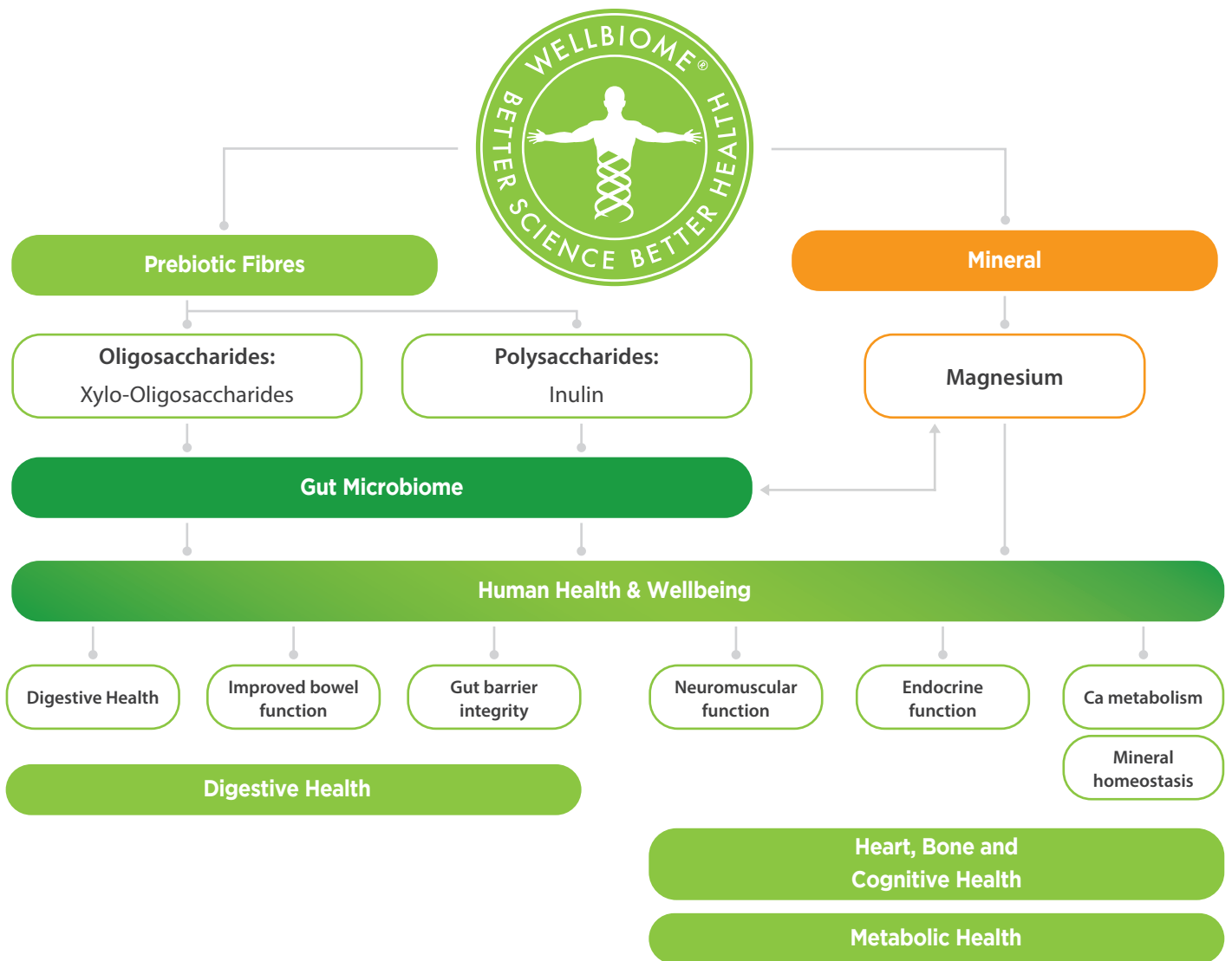


The Heathy Ageing Prebiotic

WellBiome's® synergistic mechanisms of action make it a powerful functional ingredient to promote gut microbiome diversity and support healthy aging.



How Does WellBiome Work?



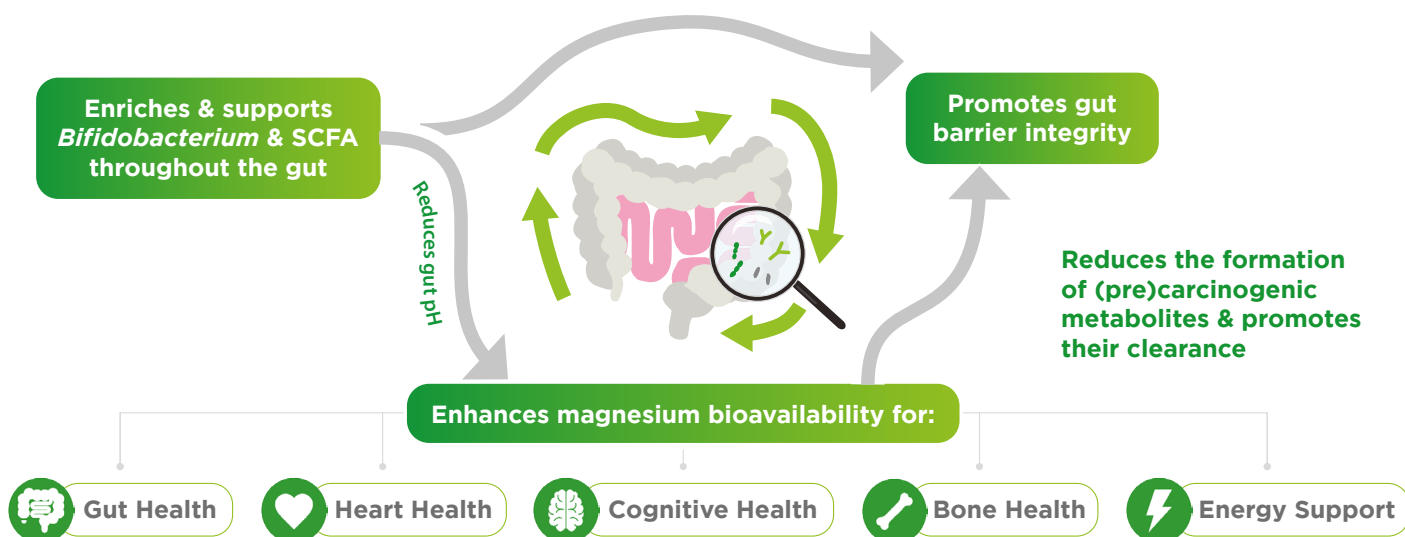


The human gut contains trillions of bacteria important for maintaining good health. Supporting health positive bacteria along the length of the colon with prebiotic fibres enhances gut microbiome diversity, promotes gut barrier integrity and reduces systemic inflammation, improves stool frequency and supports our general health & wellbeing at all ages.

Using an optimised synergistic prebiotic mineral technology, WellBiome® increases the abundance of

beneficial bacteria, such as bifidobacteria and maintains their levels and activity throughout the colon. WellBiome enhances the production of health-positive metabolites, such as short chain fatty acids (SCFA). It downregulates the formation of (pre-) carcinogenic and toxic metabolites in the latter end of the colon and promotes their clearance by supporting a normal bowel habit.

Mechanisms of Action



The oligosaccharide, polysaccharide (prebiotic) and magnesium complex in WellBiome® work synergistically to enhance SCFA formation throughout the gut. This boosts mineral bioavailability and delivers optimum efficacy in supporting heart¹, muscle¹, bone¹, cognitive², digestive³ and metabolic health².



Approved Health Claims

The below list indicates the specific health claims associated with WellBiome®

Heart Health

Contributes to normal muscle function including the heart muscle¹

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Contributes to normal psychological functions²

Cognitive Health

Energy Support

Contributes to a reduction of tiredness and fatigue²

⚡

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Contributes to the maintenance of normal bone¹
Contributes to the maintenance of normal teeth¹
Contributes to normal protein synthesis¹

Bone & Muscle Health

Gut Health

EFSA: Contributes to normal bowel function by increasing stool frequency³

KFDA: May help to maintain healthy bowel function⁴

FDA: Good source of fibre⁵

Canada Health: Source of fibre, healthy digestive system, constipation/irregularity⁶

AUS/NZ: Source of fibre⁷

🦴

🤝❤️

Contributes to cell division¹

Contributes to normal function of the nervous system¹

Contributes to electrolyte balance¹

KFDA: May help to maintain healthy blood cholesterol level and maintain healthy postprandial glucose level⁴

Other Health Claims

Applications



SUPPLEMENTS



JUICE SHOTS



DAIRY & NONDAIRY SHOTS



BEVERAGES



HEALTHY SNACKS



FOODS

Technical Attributes



HEAT STABLE



PH STABLE



PREBIOTIC



EASILY ADDED DURING MANUFACTURING

Product Certifications



GRAS



LACTOSE-FREE



HALAL



KOSHER



VEGAN



GLUTEN FREE



NON GMO

Why OptiBiotix Health?

OptiBiotix develops patented science and human study-based compounds that modulate the microbiome to address a range of health-related issues such as metabolic syndrome and diabetes, systemic low-grade inflammation, obesity, cardiovascular disease, high cholesterol and healthy aging.



Health Claim References

- (1) <https://efsa.onlinelibrary.wiley.com/doi/pdf/10.2903/j.efsa.2009.1216>
- (2) <https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/j.efsa.2010.1807>
- (3) <https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/j.efsa.2015.3951>
- (4) https://www.mfds.go.kr/eng/brd/m_15/view.do?seq=70011
- (5) <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfrsearch.cfm?fr=101.54>
- (6) <http://webprod.hc-sc.gc.ca/nhp/nd-bdipsn/atReq.do?atid=inuline&lang=eng>
- (7) <https://www.foodstandards.gov.au/code/Documents/Sched%204%20Nutrition%20and%20health%20claims%20v159.pdf>

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