



Health from the Gut starts here

Rethink the gut microbiome's
potential with dsm-firmenich.

Where science meets gut health

The gut microbiome plays a fundamental role in maintaining health across the entire lifespan. Understanding how the gut evolves – and factors influencing it – is the cornerstone to crafting solutions that cater to its unique needs at every life stage.

The Health from the Gut ecosystem

The gut is a complex, highly interdependent system comprising trillions of microorganisms – and every body's gut is as unique as a fingerprint. Yet each person's 'gut fingerprint' must work in careful harmony to deliver the holistic health potential it's capable of.

That's why we take an 'ecosystems' innovation approach to support the gut's natural function through four key pillars:

1 A healthy gut environment

Like any natural ecosystem, a healthy and well-nourished gut environment is essential for the microbiome to thrive. To enable the microbiome to function at its full potential, the provision of the right nutrients and growth conditions is needed.

3 Gut barrier integrity

A strong gut barrier helps to maintain the homeostasis of the gut network and prevent the onset of uncontrolled inflammation and subsequent disease.

2 Keystone species

Certain microorganisms in the gut have evolved to behave as a connecting network between bacterial species. It is important to preserve and promote the growth of keystone species to maintain microbiome balance.

4 Microbiome-independent mechanisms

Just like the moon influences ecosystems on Earth, so too does the microbiome influence our wider health.



Harness our powerful Health from the Gut solutions to unlock wide-ranging benefits beyond digestive health



Digestive health



Immune health



Brain health



Healthy aging



Women's health



Metabolic heart health

Our Health from the Gut platform

Stand out on the shelves with dsm-firmenich's premium Health from the Gut solutions. Our portfolio of ingredients supporting the gut and beyond is powered by custom Premixes and Market-ready Solutions to deliver purpose-led products that unlock the holistic health benefits of a balanced gut ecosystem.

Humiome® Postbiotics

Humiome® Postbiotics pioneer ingredient, backed by more than 40 preclinical and clinical studies addressing digestive and immune health.

Humiome® Prebiotics

Humiome® Prebiotics offer scientifically proven efficacy at a low dose, promoting health from the gut with precision.

GLYCARE® HMOs

GLYCARE®, innovative, safe, science-backed human milk oligosaccharides (HMOs) portfolio to support health across the lifespan. GLYCARE® represents the broadest portfolio of HMOs available for commercial use in more than 160 countries worldwide.

Humiome® Probiotics

Humiome® Probiotics, include advanced solutions and proprietary bacterial strains that support digestive health and beyond for children and adults.

Humiome® Vitamins

Humiome® Vitamins, fueled by MTT™, transform vitamin delivery in the colon to directly nourish a healthy gut environment – a key pillar of the company's 'ecosystem' approach to gut health.

Tolerase® Enzymes

Tolerase® digestive enzymes evolve the approach to lactose and gluten intolerance/sensitivity, giving peace of mind when following dairy or gluten free diets.




Why dsm-firmenich?

We're expertly positioned to push boundaries in the flourishing gut health market with a pioneering way of thinking and leading-edge capabilities.

- Expertise across all life stages, geographies and divisions
- Consumer-inspired differentiation
- Focus on scientific brilliance and partnerships
- Proprietary discovery and ingredient platforms



 Microbiome analytics & bioinformatics

 Postbiotics competence center

 Strain development & production

 Probiotics competence center

 Application, formulation & prototyping

 HMO competence center

 Clinical trial management

 In-vitro models



Partner with dsm-firmenich and bring progress to life – one Health from the Gut solution at a time.

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