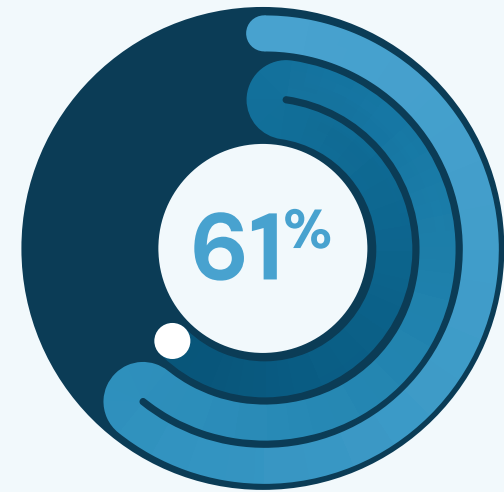


Humiome® Probiotics

Supporting Health from the Gut with live bacteria

Probiotics are live microorganisms that, when administered in adequate amounts, confer a health benefit on the host.¹

The human intestinal microbiota consists of approx. 10 times more bacterial cells than human cells and contains >100 times as many genes as in the human genome.⁹

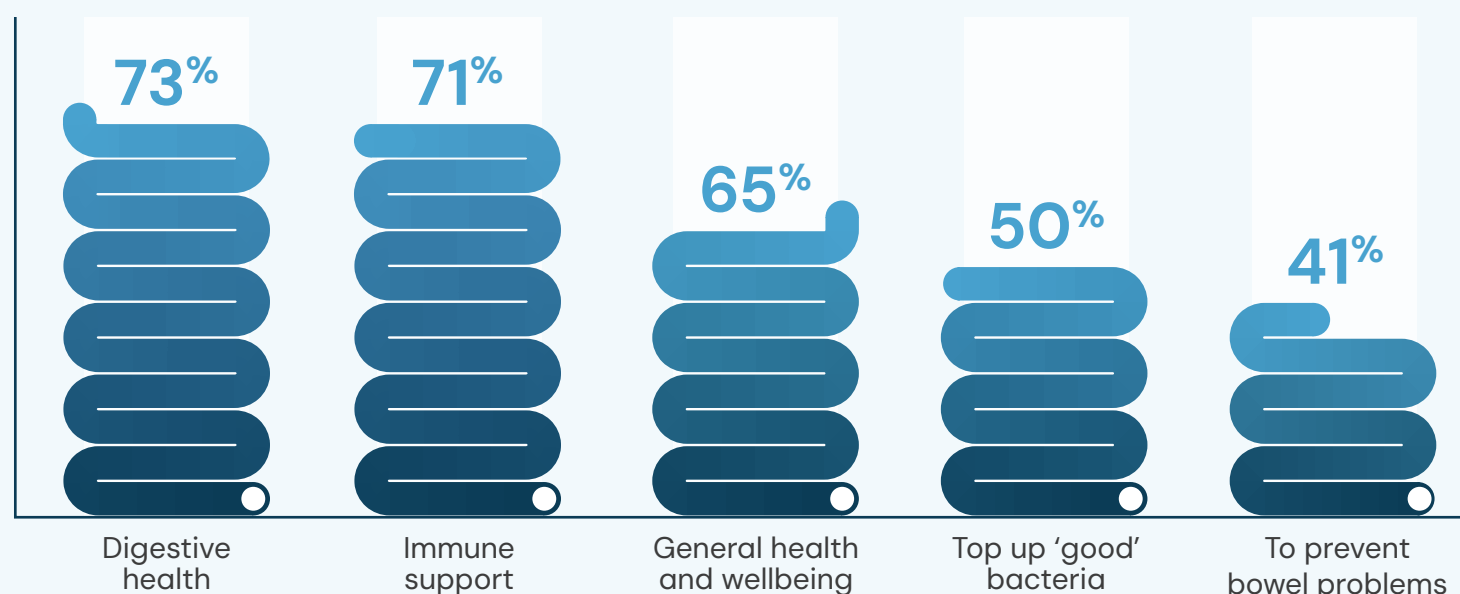


With increasing awareness of the gut's role in maintaining overall health, 61% of consumers are concerned about gut health.³

Preference of nutritional supplements⁵ is driven by:



Why do consumers purchase probiotic products?⁴



How do Humiome® Probiotics support Health from the Gut?

Adults:

- Abdominal discomfort⁸
- Flatulence relief⁸

Humiome® *L. rhamnosus* DSM 26357
 Humiome® *B. lactis* DSM 34602
L. acidophilus DSM 32418
B. longum DSM 32946
B. bifidum DSM 32403
 Fructooligosaccharides

Children:

- Supports healthy bowel function⁶
- Supports a strong gut⁷

Humiome® *L. reuteri* DSM 34531
 Humiome® *L. rhamnosus* DSM 26357

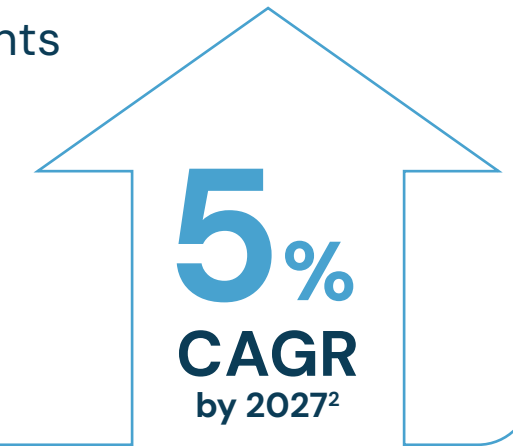


DS probiotic retail value²

€9.7 billion



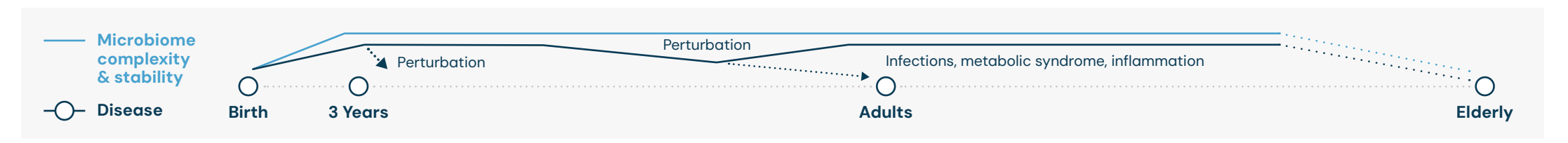
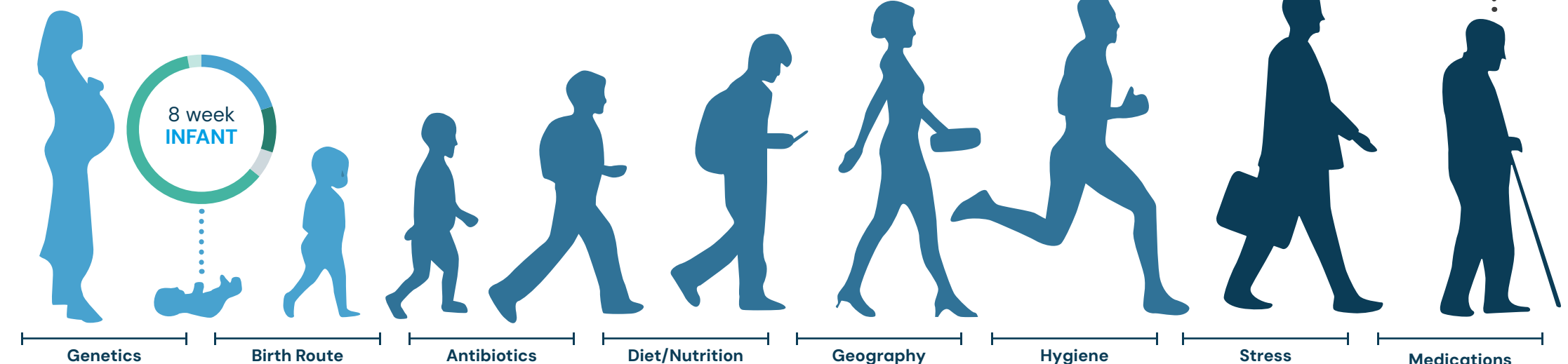
The dietary supplements probiotic market is growing rapidly.



Gut microbiome Changes over lifecycle

● Firmicutes ● Bacteroidetes ● Verrucomicrobia ● Microbiota composition
 ● Proteobacteria ● Actinobacteria ● Other

Skillington, O. et al., The Contrasting Human Gut Microbiota in Early and Late Life and Implications for Host Health and Disease. Nutrition and Healthy Aging (2021).



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Health from the Gut has promising growth potential in multiple health areas:

- Digestive health
- Metabolic heart health
- Immune health
- Brain health
- Healthy aging
- Women's health

Want to know more about how Humiome® Probiotics can help you deliver Health from the Gut



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