

# South & Central America Human Microbiome Market Report (2021-2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

<https://marketpublishers.com/r/SBCD4D499E62EN.html>

Date: September 2025

Pages: 128

Price: US\$ 3,450.00 (Single User License)

ID: SBCD4D499E62EN

## Abstracts

The human microbiome market in South and Central America is projected to grow significantly, reaching approximately USD 147.22 million by 2031, up from USD 39.65 million in 2023, with an impressive compound annual growth rate (CAGR) of 17.8% during this period.

### Executive Summary and Market Analysis

The market is divided into key regions: Brazil, Argentina, and the Rest of South and Central America. The growth of the human microbiome market in this region is supported by well-established healthcare systems, increased government support, and a rise in research and development activities. Additionally, the rising incidence of chronic diseases and the adoption of unhealthy lifestyles are expected to drive demand for microbiome-related products and services.

### Market Segmentation

The South and Central America human microbiome market can be segmented based on type, application, and disease type:

- Type: The market is categorized into products and software/services, with products dominating the market share in 2023. The product segment includes probiotics and prebiotics.
- Application: The market is further divided into therapeutics, diagnostics, and research, with therapeutics holding the largest market share in 2023.
- Disease Type: The market is segmented into obesity, diabetes, autoimmune disorders, cancer, gastrointestinal (GIT) issues, and others, with GIT issues leading the market in

2023.

## Market Outlook

The human microbiome's potential to revolutionize healthcare has led to increased investments in research and development. The microbiome, consisting of trillions of microorganisms, plays a crucial role in maintaining health and preventing diseases. Biotech startups and pharmaceutical companies are heavily investing in microbiome-based therapies. For instance, Xome Life Sciences, a pioneering microbiome startup in India, is developing diagnostic and therapeutic tools aimed at improving health outcomes.

A notable example of microbiome innovation is the FDA-approved treatment by Seres Therapeutics for recurrent *Clostridium difficile* infections, showcasing the therapeutic potential of microbiome-based drugs. Companies like Vedanta Biosciences are also raising significant funds to develop immunotherapies derived from microbiomes for conditions such as autoimmune disorders and cancer. Investors like Seventure Partners and Flagship Pioneering are increasingly funding microbiome data analysis companies, highlighting the growing recognition of the microbiome's importance in health. This surge in investment is expected to drive advancements in precision medicine and therapeutic solutions, creating numerous opportunities in the market.

## Country Insights

The South and Central America human microbiome market is primarily composed of Brazil, Argentina, and other countries in the region, with Brazil holding the largest market share in 2023. A recent study published in the Brazilian Journal of Infectious Diseases highlighted the analysis of the sputum microbiome in cystic fibrosis patients, revealing a high presence of *Burkholderia cepacia* complex (Bcc). This research could lead to improved diagnostic methods and treatments for chronic diseases, thereby increasing the demand for microbiome solutions in Brazil.

Pharmaceutical companies and biotech startups are actively investing in innovative microbiome therapeutics, leading to the development of new products. For example, in April 2023, Nintx, a startup based in S?o Paulo, Brazil, collaborated with federal institutions and private companies to create new drugs from plant-based natural products, receiving a USD 3 million investment from Pitanga venture capital in 2022 to accelerate their market entry. This trend of increasing research and investment is propelling the growth of the human microbiome market in Brazil.

## Company Profiles

Key players in the human microbiome market include MaaT Pharma, Ferring Holdings SA, AOBiome Therapeutics Inc, Finch Therapeutics Group Inc, Seres Therapeutics Inc, Merck & Co Inc, Rebiotix, Inc., Yakult Honsha Co., Ltd., IFF Nutrition & Biosciences, and Synthetic Biologics, Inc. These companies are employing various strategies such as market expansion, product innovation, and mergers and acquisitions to enhance their offerings and increase their market presence.

## Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the South & Central America human microbiome market.

Highlights key business priorities in order to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the South & Central America human microbiome market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth South & Central America market trends and outlook coupled with the factors driving the South & Central America human microbiome market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

## Companies

MaaT Pharma

Ferring Holdings SA

AOBiome Therapeutics Inc

Finch Therapeutics Group Inc

Seres Therapeutics Inc

Merck & Co Inc

Rebiotix, Inc.

Yakult Honsha Co., Ltd.

IFF Nutrition & Biosciences

Synthetic Biologics, Inc.

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