

# Asia Pacific Human Microbiome Market Report (2021-2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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## Abstracts

The Asia Pacific human microbiome market is projected to grow significantly, reaching approximately US\$ 703.84 million by 2031, up from US\$ 124.10 million in 2023, reflecting a robust compound annual growth rate (CAGR) of 24.2% during this period.

### Executive Summary and Market Analysis

The market is divided into several regions, including Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. Key drivers of growth in this market include the rising prevalence of metabolic disorders, an increasing demand for research in gene mutation and drug development, and strategic collaborations among market participants. Additionally, government initiatives and funding aimed at enhancing awareness of the human microbiome are further propelling market expansion.

### Market Segmentation

The Asia Pacific human microbiome market can be analyzed through various segments, including type, application, and disease type.

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

## Market Outlook

The human microbiome's potential to revolutionize healthcare has led to a surge in investments in research and development. The microbiome, consisting of trillions of microorganisms residing in and on the human body, plays a crucial role in maintaining health and preventing diseases. Biotech startups and pharmaceutical companies are increasingly funding the development of microbiome-based therapies. For instance, Xome Life Sciences, one of India's pioneering microbiome startups, is focused on creating diagnostic and therapeutic tools that leverage microbiome data to enhance health outcomes.

Moreover, Seres Therapeutics has received FDA approval for a treatment targeting 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. Notable investors, including Seventure Partners and Flagship Pioneering, are actively supporting companies that analyze microbiome data, highlighting the growing recognition of the microbiome's importance in health. This influx of investment is expected to drive advancements in precision medicine and therapeutic interventions, creating numerous opportunities within the market.

## Country Insights

The Asia Pacific human microbiome market includes key countries such as China, Japan, India, Australia, South Korea, and others, with China holding the largest market share in 2023. Factors such as new pharmaceutical developments, product enhancements, and strategic partnerships are significantly benefiting the microbiome therapies market in China. For example, Xbiome Inc., an AI-driven microbiome therapeutics company, has acquired a clinical-stage program from Assembly Biosciences, which is focused on innovative treatments for viral disorders like hepatitis B.

The increasing prevalence of target disorders is expected to further stimulate growth in the human microbiome market. Research continues to uncover the microbiome's critical role in various health conditions, leading to a heightened interest in microbiome-based therapies, particularly for gastrointestinal disorders, autoimmune diseases, and metabolic disorders. The potential for microbiome therapeutics to offer more effective

and personalized treatment options presents a promising avenue for market growth. According to the National Institute of Health, the prevalence of Irritable Bowel Syndrome (IBS) in China ranges from 2.3% to 15.8%, indicating a significant market opportunity.

## **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, including expansion, product innovation, and mergers and acquisitions, to enhance their product offerings and increase market share.

## **Reason to buy**

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the Asia Pacific 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 Asia Pacific 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 Asia Pacific market trends and outlook coupled with the factors driving the Asia Pacific 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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