

Human Microbiome Market Report by Product (Probiotics, Prebiotics, Diagnostic Tests, Drugs, Medical Food, and Others), Application (Therapeutics, Diagnostics), Disease Type (Obesity, Diabetes, Autoimmune Disorders, Cancer, Gastrointestinal Disorders, Central Nervous System Disorders, and Others), and Region 2024-2032

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Abstracts

The global human microbiome market size reached US\$ 817.0 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 3,586.3 Million by 2032, exhibiting a growth rate (CAGR) of 17.3% during 2024-2032.

The human microbiome refers to the genes present inside various microorganisms found in the genetic portrait, or metagenome, of humans. It consists of various microorganisms, such as bacteria, fungi, protozoans, non-living viruses and numerous single-celled organisms. These organisms impact human physiology and contribute to the enhancement or impairment of metabolic and immune functions. They are found in the human tissues and are studied for medical advancements and analytical techniques. Microbiomes are utilized in probiotics, prebiotics, pharmaceutical drugs and diagnostic and therapeutic systems for various ailments, such as diabetes, obesity, cancer and metabolic, gastrointestinal, neurological, central nervous system and autoimmune disorders.

Human Microbiome Market Trends:

The increasing prevalence of chronic lifestyle diseases and infections due to microbial dysbiosis across the globe is one of the key factors driving the market growth.

Moreover, the rising geriatric population, which is more susceptible to such ailments, is providing a thrust to the market growth. The growth of the market can also be attributed to the increasing emphasis on the development of human microbiome therapeutics with enhanced efficacy. For instance, human gut microbiomes are being developed in specific combinations for the effective treatment of various gastrointestinal ailments. In line with this, the onset of the coronavirus (COVID-19) pandemic is also providing a thrust to the market growth. Researchers are extensively studying the lung microbiomes to analyze the severity of the infections and develop appropriate therapeutics and vaccines. Additionally, various advancements, such as the development of target-specific microbiome-based therapies, are also favoring the growth of the market. Other factors, including extensive research and development (R&D) activities, along with significant growth in the pharmaceutical industry, especially in the developing economies, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global human microbiome market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, application and disease type.

Breakup by Product:

Probiotics

Prebiotics

Diagnostic Tests

Drugs

Medical Food

Others

Breakup by Application:

Therapeutics

Diagnostics

Breakup by Disease Type:

Obesity

Diabetes

Autoimmune Disorders

Cancer

Gastrointestinal Disorders

Central Nervous System Disorders

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 4D pharma plc, Atlas Biomed Group Limited, BIOHM, BiomX, Bione, DayTwo Inc., ENTEROME, Ferring B.V., Finch Therapeutics, Second Genome Inc., SynBioBeta LLC, Synthetic Biologics Inc., Vedanta Biosciences Inc. and

Viome Inc.

Key Questions Answered in This Report:

How has the global human microbiome market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global human microbiome market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the application?

What is the breakup of the market based on the disease type?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global human microbiome market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL HUMAN MICROBIOME MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Probiotics
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Prebiotics
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Diagnostic Tests

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Drugs
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Medical Food
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Therapeutics
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Diagnostics
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY DISEASE TYPE

- 8.1 Obesity
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Diabetes
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Autoimmune Disorders
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Cancer
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Gastrointestinal Disorders
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Central Nervous System Disorders

- 8.6.1 Market Trends
- 8.6.2 Market Forecast
- 8.7 Others
 - 8.7.1 Market Trends
 - 8.7.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany

- 9.3.1.1 Market Trends
- 9.3.1.2 Market Forecast
- 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 4D pharma plc

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.2 Atlas Biomed Group Limited

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 BIOHM

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 BiomX

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.5 Bione

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 DayTwo Inc.

- 14.3.6.1 Company Overview
- 14.3.6.2 Product Portfolio
- 14.3.7 ENTEROME
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Ferring B.V.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Finch Therapeutics
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
- 14.3.10 Second Genome Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 SynBioBeta LLC
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Synthetic Biologics Inc.
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
- 14.3.13 Vedanta Biosciences Inc.
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio
- 14.3.14 Viome Inc.
 - 14.3.14.1 Company Overview
 - 14.3.14.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Human Microbiome Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Human Microbiome Market Forecast: Breakup by Product (in Million US\$), 2024-2032

Table 3: Global: Human Microbiome Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Human Microbiome Market Forecast: Breakup by Disease Type (in Million US\$), 2024-2032

Table 5: Global: Human Microbiome Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Human Microbiome Market: Competitive Structure

Table 7: Global: Human Microbiome Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Human Microbiome Market: Major Drivers and Challenges
- Figure 2: Global: Human Microbiome Market: Sales Value (in Million US\$), 2018-2023
- Figure 3: Global: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 4: Global: Human Microbiome Market: Breakup by Product (in %), 2023
- Figure 5: Global: Human Microbiome Market: Breakup by Application (in %), 2023
- Figure 6: Global: Human Microbiome Market: Breakup by Disease Type (in %), 2023
- Figure 7: Global: Human Microbiome Market: Breakup by Region (in %), 2023
- Figure 8: Global: Human Microbiome (Probiotics) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 9: Global: Human Microbiome (Probiotics) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 10: Global: Human Microbiome (Prebiotics) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 11: Global: Human Microbiome (Prebiotics) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 12: Global: Human Microbiome (Diagnostic Tests) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 13: Global: Human Microbiome (Diagnostic Tests) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 14: Global: Human Microbiome (Drugs) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 15: Global: Human Microbiome (Drugs) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 16: Global: Human Microbiome (Medical Food) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 17: Global: Human Microbiome (Medical Food) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 18: Global: Human Microbiome (Other Products) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 19: Global: Human Microbiome (Other Products) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 20: Global: Human Microbiome (Therapeutics) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 21: Global: Human Microbiome (Therapeutics) Market Forecast: Sales Value (in

Million US\$), 2024-2032

Figure 22: Global: Human Microbiome (Diagnostics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Human Microbiome (Diagnostics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Human Microbiome (Obesity) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Human Microbiome (Obesity) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Human Microbiome (Diabetes) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Human Microbiome (Diabetes) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Human Microbiome (Autoimmune Disorders) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Human Microbiome (Autoimmune Disorders) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Human Microbiome (Cancer) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: Human Microbiome (Cancer) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: Human Microbiome (Gastrointestinal Disorders) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: Human Microbiome (Gastrointestinal Disorders) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Global: Human Microbiome (Central Nervous System Disorders) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Global: Human Microbiome (Central Nervous System Disorders) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Global: Human Microbiome (Other Disease Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Global: Human Microbiome (Other Disease Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: North America: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: North America: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: United States: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: United States: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Canada: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Canada: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Asia-Pacific: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Asia-Pacific: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: China: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: China: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Japan: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Japan: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: India: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: India: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: South Korea: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: South Korea: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Australia: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Australia: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Indonesia: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Indonesia: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: Others: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: Others: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Europe: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Europe: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Germany: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Germany: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: France: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: France: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: United Kingdom: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: United Kingdom: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Italy: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Italy: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Spain: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Spain: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Russia: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Russia: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Others: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Others: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Latin America: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Latin America: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Brazil: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: Brazil: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 80: Mexico: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 81: Mexico: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 82: Others: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 83: Others: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 84: Middle East and Africa: Human Microbiome Market: Sales Value (in Million US\$), 2018 & 2023

Figure 85: Middle East and Africa: Human Microbiome Market: Breakup by Country (in %), 2023

Figure 86: Middle East and Africa: Human Microbiome Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 87: Global: Human Microbiome Industry: SWOT Analysis

Figure 88: Global: Human Microbiome Industry: Value Chain Analysis

Figure 89: Global: Human Microbiome Industry: Porter's Five Forces Analysis

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