

Global Microbiome Sequencing Services Market Size study, By Technology (Sequencing by Synthesis (SBS), Sequencing by Ligation (SBL), Pyrosequencing, Sanger Sequencing, Other Technologies), By Research Type (Outsourced Research, Internal Research), By Laboratory Type (Dry labs, Wet Labs), By Application (Shotgun Sequencing, Targeted Gene Sequencing, RNA Sequencing, Whole Genome Sequencing, Other Applications), By End User (Pharmaceutical and Biotechnology Companies, Academia/Research Institute), and Regional Forecasts 2022-2028

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Abstracts

Global Microbiome Sequencing Services Market is valued approximately USD 1.42 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 21.50% over the forecast period 2022-2028.

Microbiome sequencing is the study of genetic material, which is used to hydrate the human biodata to comprehend the disease with various procedures. This study can be beneficial in understanding the patient's response to a particular treatment. Microbiome sequencing services are gaining huge traction in various applications such as RNA sequencing, targeted gene sequencing, whole-genome sequencing, shotgun sequencing, and many other applications. The growing focus on human microbiome therapy, increasing adoption of the human microbiome for early disease detection and

diagnosis, rising needs for reducing the cost of sequencing, coupled with the rising demand for next-generation sequencing (NGS) are the primary factors that are surging the market demand across the globe. For instance, according to Statista, in 2016 the global next-generation sequencing market accounted nearly USD 4.2 billion and is anticipated to reach around USD 12 billion by 2024. Thus, the growth of the NGS segment is propelling the market demand, which, in turn, accelerates the market growth in the near future. However, the shortage of skilled professionals for microbiome sequencing services and lack of awareness among scientists and physicians regarding the availability of advanced tools for data analysis impedes the growth of the market over the forecast period of 2022-2028. Also, investigational new drug (IND) needs for fecal microbiota and growing investments for research and technological advancements are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Microbiome Sequencing Services market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the favorable business environment and continuous developments in sequencing technologies by the major market players in the region. Whereas, Europe is anticipated to exhibit a significant CAGR over the forecast period 2022-2028. Factors such as increasing research studies on cancer & inherited rare diseases, as well as the rising availability of commercial solutions for NGS data analysis, would create lucrative growth prospects for the Microbiome Sequencing Services market across the European region.

Major market players included in this report are:

Clinical Microbiomics A/S

Baseclear B.V.

Metabionics Corp.

Microbiome Insights Inc.

Microbiome Therapeutics, LLC.

Merieux Nutrisciences Corporation

Ubiome, Inc.

Zymo Research Corp.

Second Genome Inc.

Rancho Bio Sciences LLC

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is

designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Technology offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Sequencing by Synthesis (SBS)

Sequencing by Ligation (SBL)

Pyrosequencing

Sanger Sequencing

Other Technologies

By Research Type:

Outsourced Research

Internal Research

By Laboratory Type:

Dry labs

Wet Labs

By Application:

Shotgun Sequencing

Targeted Gene Sequencing

RNA Sequencing

Whole Genome Sequencing

Other Applications

By End User:

Pharmaceutical and Biotechnology Companies

Academia/Research Institute

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Microbiome Sequencing Services Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Global Microbiome Sequencing Services Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Global Microbiome Sequencing Services Market, by Technology, 2020-2028 (USD Billion)
 - 1.2.3. Global Microbiome Sequencing Services Market, by Research Type, 2020-2028 (USD Billion)
 - 1.2.4. Global Microbiome Sequencing Services Market, by Laboratory Type, 2020-2028 (USD Billion)
 - 1.2.5. Global Microbiome Sequencing Services Market, by Application, 2020-2028 (USD Billion)
 - 1.2.6. Global Microbiome Sequencing Services Market, by End User, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET DYNAMICS

- 3.1. Microbiome Sequencing Services Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing focus on the Human Microbiome Therapy
 - 3.1.1.2. Rising adoption of human microbiome for early disease detection and

diagnosis

3.1.2. Market Challenges

3.1.2.1. Shortage of skilled professionals for microbiome sequencing services

3.1.2.2. Lack of awareness among scientist and physicians regarding the availability of advanced tools for data analysis

3.1.3. Market Opportunities

3.1.3.1. Investigational new drug (IND) needs for fecal microbiota

3.1.3.2. Rising investments for research and technological advancements

CHAPTER 4. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)

4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

4.5. Top investment opportunity

4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

5.1.1. Assessment of the overall impact of COVID-19 on the industry

5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET, BY TECHNOLOGY

6.1. Market Snapshot

6.2. Global Microbiome Sequencing Services Market by Technology, Performance -

Potential Analysis

6.3. Global Microbiome Sequencing Services Market Estimates & Forecasts by Technology 2019-2028 (USD Billion)

6.4. Microbiome Sequencing Services Market, Sub Segment Analysis

6.4.1. Sequencing by Synthesis (SBS)

6.4.2. Sequencing by Ligation (SBL)

6.4.3. Pyrosequencing

6.4.4. Sanger Sequencing

6.4.5. Other Technologies

CHAPTER 7. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET, BY RESEARCH TYPE

7.1. Market Snapshot

7.2. Global Microbiome Sequencing Services Market by Research Type, Performance - Potential Analysis

7.3. Global Microbiome Sequencing Services Market Estimates & Forecasts by Research Type 2019-2028 (USD Billion)

7.4. Microbiome Sequencing Services Market, Sub Segment Analysis

7.4.1. Outsourced Research

7.4.2. Internal Research

CHAPTER 8. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET, BY LABORATORY TYPE

8.1. Market Snapshot

8.2. Global Microbiome Sequencing Services Market by Laboratory Type, Performance - Potential Analysis

8.3. Global Microbiome Sequencing Services Market Estimates & Forecasts by Laboratory Type 2019-2028 (USD Billion)

8.4. Microbiome Sequencing Services Market, Sub Segment Analysis

8.4.1. Dry labs

8.4.2. Wet Labs

CHAPTER 9. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET, BY APPLICATION

9.1. Market Snapshot

9.2. Global Microbiome Sequencing Services Market by Application, Performance -

Potential Analysis

9.3. Global Microbiome Sequencing Services Market Estimates & Forecasts by Application 2019-2028 (USD Billion)

9.4. Microbiome Sequencing Services Market, Sub Segment Analysis

9.4.1. Shotgun Sequencing

9.4.2. Targeted Gene Sequencing

9.4.3. RNA Sequencing

9.4.4. Whole Genome Sequencing

9.4.5. Other Applications

CHAPTER 10. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET, BY END USER

10.1. Market Snapshot

10.2. Global Microbiome Sequencing Services Market by End User, Performance - Potential Analysis

10.3. Global Microbiome Sequencing Services Market Estimates & Forecasts by End User 2019-2028 (USD Billion)

10.4. Microbiome Sequencing Services Market, Sub Segment Analysis

10.4.1. Pharmaceutical and Biotechnology Companies

10.4.2. Academia/Research Institute

CHAPTER 11. GLOBAL MICROBIOME SEQUENCING SERVICES MARKET, REGIONAL ANALYSIS

11.1. Microbiome Sequencing Services Market, Regional Market Snapshot

11.2. North America Microbiome Sequencing Services Market

11.2.1. U.S. Microbiome Sequencing Services Market

11.2.1.1. Technology estimates & forecasts, 2019-2028

11.2.1.2. Research Type estimates & forecasts, 2019-2028

11.2.1.3. Laboratory Type estimates & forecasts, 2019-2028

11.2.1.4. Application estimates & forecasts, 2019-2028

11.2.1.5. End User estimates & forecasts, 2019-2028

11.2.2. Canada Microbiome Sequencing Services Market

11.3. Europe Microbiome Sequencing Services Market Snapshot

11.3.1. U.K. Microbiome Sequencing Services Market

11.3.2. Germany Microbiome Sequencing Services Market

11.3.3. France Microbiome Sequencing Services Market

11.3.4. Spain Microbiome Sequencing Services Market

- 11.3.5. Italy Microbiome Sequencing Services Market
- 11.3.6. Rest of Europe Microbiome Sequencing Services Market
- 11.4. Asia-Pacific Microbiome Sequencing Services Market Snapshot
 - 11.4.1. China Microbiome Sequencing Services Market
 - 11.4.2. India Microbiome Sequencing Services Market
 - 11.4.3. Japan Microbiome Sequencing Services Market
 - 11.4.4. Australia Microbiome Sequencing Services Market
 - 11.4.5. South Korea Microbiome Sequencing Services Market
 - 11.4.6. Rest of Asia Pacific Microbiome Sequencing Services Market
- 11.5. Latin America Microbiome Sequencing Services Market Snapshot
 - 11.5.1. Brazil Microbiome Sequencing Services Market
 - 11.5.2. Mexico Microbiome Sequencing Services Market
- 11.6. Rest of The World Microbiome Sequencing Services Market

CHAPTER 12. COMPETITIVE INTELLIGENCE

- 12.1. Top Market Strategies
- 12.2. Company Profiles
 - 12.2.1. Clinical Microbiomics A/S
 - 12.2.1.1. Key Information
 - 12.2.1.2. Overview
 - 12.2.1.3. Financial (Subject to Data Availability)
 - 12.2.1.4. Technology Summary
 - 12.2.1.5. Recent Developments
 - 12.2.2. Baseclear B.V.
 - 12.2.3. Metabiomics Corp.
 - 12.2.4. Microbiome Insights Inc.
 - 12.2.5. Microbiome Therapeutics, Llc.
 - 12.2.6. Merieux Nutrisciences Corporation
 - 12.2.7. Ubiome, Inc.
 - 12.2.8. Zymo Research Corp.
 - 12.2.9. Second Genome Inc.
 - 12.2.10. Rancho Bio Sciences LLC

CHAPTER 13. RESEARCH PROCESS

- 13.1. Research Process
 - 13.1.1. Data Mining
 - 13.1.2. Analysis

- 13.1.3. Market Estimation
- 13.1.4. Validation
- 13.1.5. Publishing
- 13.2. Research Attributes
- 13.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Microbiome Sequencing Services Market, report scope

TABLE 2. Global Microbiome Sequencing Services Market estimates & forecasts by Region 2019-2028 (USD Billion)

TABLE 3. Global Microbiome Sequencing Services Market estimates & forecasts by Technology 2019-2028 (USD Billion)

TABLE 4. Global Microbiome Sequencing Services Market estimates & forecasts by Research Type 2019-2028 (USD Billion)

TABLE 5. Global Microbiome Sequencing Services Market estimates & forecasts by Laboratory Type 2019-2028 (USD Billion)

TABLE 6. Global Microbiome Sequencing Services Market estimates & forecasts by Application 2019-2028 (USD Billion)

TABLE 7. Global Microbiome Sequencing Services Market estimates & forecasts by End User 2019-2028 (USD Billion)

TABLE 8. Global Microbiome Sequencing Services Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 9. Global Microbiome Sequencing Services Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 10. Global Microbiome Sequencing Services Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 11. Global Microbiome Sequencing Services Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 12. Global Microbiome Sequencing Services Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 13. Global Microbiome Sequencing Services Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 14. Global Microbiome Sequencing Services Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 15. Global Microbiome Sequencing Services Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 16. Global Microbiome Sequencing Services Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 17. Global Microbiome Sequencing Services Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 18. U.S. Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 19. U.S. Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 20. U.S. Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 21. Canada Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 22. Canada Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 23. Canada Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 24. UK Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 25. UK Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 26. UK Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 27. Germany Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 28. Germany Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 29. Germany Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 30. RoE Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 31. RoE Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 32. RoE Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 33. China Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 34. China Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 35. China Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 36. India Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 37. India Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 38. India Microbiome Sequencing Services Market estimates & forecasts by

segment 2019-2028 (USD Billion)

TABLE 39. Japan Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 40. Japan Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 41. Japan Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 42. RoAPAC Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 43. RoAPAC Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 44. RoAPAC Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 45. Brazil Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 46. Brazil Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 47. Brazil Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 48. Mexico Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 49. Mexico Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 50. Mexico Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 51. RoLA Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 52. RoLA Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 53. RoLA Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 54. Row Microbiome Sequencing Services Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 55. Row Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 56. Row Microbiome Sequencing Services Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 57. List of secondary sources, used in the study of global Microbiome Sequencing Services Market

TABLE 58. List of primary sources, used in the study of global Microbiome Sequencing Services Market

TABLE 59. Years considered for the study

TABLE 60. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Microbiome Sequencing Services Market, research methodology
- FIG 2. Global Microbiome Sequencing Services Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Microbiome Sequencing Services Market, key trends 2021
- FIG 5. Global Microbiome Sequencing Services Market, growth prospects 2022-2028
- FIG 6. Global Microbiome Sequencing Services Market, porters 5 force model
- FIG 7. Global Microbiome Sequencing Services Market, pest analysis
- FIG 8. Global Microbiome Sequencing Services Market, value chain analysis
- FIG 9. Global Microbiome Sequencing Services Market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global Microbiome Sequencing Services Market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global Microbiome Sequencing Services Market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global Microbiome Sequencing Services Market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global Microbiome Sequencing Services Market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global Microbiome Sequencing Services Market, regional snapshot 2019 & 2028
- FIG 15. North America Microbiome Sequencing Services Market 2019 & 2028 (USD Billion)
- FIG 16. Europe Microbiome Sequencing Services Market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific market 2019 & 2028 (USD Billion)
- FIG 18. Latin America Microbiome Sequencing Services Market 2019 & 2028 (USD Billion)
- FIG 19. Global Microbiome Sequencing Services Market, company market share analysis (2021)

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