

# **Global Precision Medicine Market Size study & Forecast, by Technology ( Big Data Analytics, Bioinformatics, Gene Sequencing, Drug Discovery, Companion Diagnostics and Other Technologies) by Application ( Oncology, CNS, Immunology, Respiratory and Other Applications), and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Precision Medicine Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Precision medicine is an emerging science that focuses treatment decisions on a patient's genetic profile, way of life, and environment. The success of precision medicine in treating cancer has led to an increase in its popularity. It enables medical professionals and researchers to forecast more precise treatment and prevention measures for every specific disease. Precision medicine, which focuses on the mutations that turn healthy bodily cells into cancerous ones, is often referred to as personalized medicine or tailored medicine. In comparison to conventional medications, the use of precision medicine in targeted cancer treatment offers fewer adverse effects and promotes faster recovery. The Precision Medicine market is expanding because of factors such as increasing incidence of central nerves system disorders and advancement in cancer biology.

Several gene therapies, diagnostics, and medications have been created in this field as a result of the rise in the prevalence of serious illnesses including cancer and uncommon diseases. According to estimates from the International Agency for Research on Cancer (IARC), globally, there were 17.0 million new instances of cancer and 9.5 million cancer-related deaths in 2018. It is estimated to increase the worldwide burden of cancer to 27.5 million new cases by 2040. Furthermore, the development of

the industry under review is being fueled by developments in cell biology and technology. For instance, in May 2021, AdventHealth launched a data-driven precision medicine initiative as part of the expansion of its genomics programme. This initiative organizes and integrates longitudinal patient data with molecular testing data, resulting in the creation of a dataset and disease network models that will aid the healthcare system in better anticipating the onset of diseases and how they will respond to treatments. Thus, these developments are fueling the growth. In addition, higher technological advancements of precision medicine and growing investments associated with precision medicine are creating a lucrative growth to the market. However, high cost for precision medicine development hampers market growth.

The key regions considered for the Global Precision Medicine Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the dominance of branded technologies and the region's increasing disease prevalence. Whereas Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising geriatric, an increase in the number of collaborations for medicine development, geographic expansion of key players, and active participation of government and nonprofit organizations in the market space.

Major market players included in this report are:

Astarte Medical

AstraZeneca PLC

F Hoffmann-La Roche Ltd.

Laboratory Corporation of America Holdings

Medtronic PLC

Myriad Genetics Inc.

Novartis AG

Pfizer Inc.

Qiagen NV

Quest Diagnostics

Recent Developments in the Market:

In November 2022, The University of Pecs (UP) and BGI Genomics decided to open a collaborative lab in Hungary. The collaborative lab will begin formal operations in order to strengthen BGI Genomics' and the UP's avant-garde precision medicine advancements in the Central and Eastern European region and to speed the development of genomic sequencing and clinical diagnostic services.

Global Precision Medicine Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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:

Big Data Analytics

Bioinformatics

Gene Sequencing

Drug Discovery

Companion Diagnostics

Other Technologies

By Application:

Oncology

CNS

Immunology

Respiratory

Other Applications

**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

RoLA

Rest of the World

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Precision Medicine Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Precision Medicine Market, by Technology, 2019-2029 (USD Billion)
  - 1.2.3. Precision Medicine Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL PRECISION MEDICINE 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 PRECISION MEDICINE MARKET DYNAMICS**

- 3.1. Precision Medicine Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing incidence of Central Nerves System disorders
    - 3.1.1.2. Advancement in Cancer Biology
  - 3.1.2. Market Challenges
    - 3.1.2.1. High Cost for precision medicine development
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Higher Technological Advancements of Precision Medicine
    - 3.1.3.2. Growing Investments Associated with Precision Medicine

### **CHAPTER 4. GLOBAL PRECISION MEDICINE 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
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL PRECISION MEDICINE MARKET, BY TECHNOLOGY**

- 6.1. Market Snapshot
- 6.2. Global Precision Medicine Market by Technology, Performance - Potential Analysis
- 6.3. Global Precision Medicine Market Estimates & Forecasts by Technology 2019-2029 (USD Billion)
- 6.4. Precision Medicine Market, Sub Segment Analysis
  - 6.4.1. Big Data Analytics
  - 6.4.2. Bioinformatics
  - 6.4.3. Gene Sequencing
  - 6.4.4. Drug Discovery
  - 6.4.5. Companion Diagnostics
  - 6.4.6. Other Technologies

## **CHAPTER 7. GLOBAL PRECISION MEDICINE MARKET, BY APPLICATION**

- 7.1. Market Snapshot
- 7.2. Global Precision Medicine Market by Application, Performance - Potential Analysis
- 7.3. Global Precision Medicine Market Estimates & Forecasts by Application 2019-2029 (USD Billion)

## 7.4. Precision Medicine Market, Sub Segment Analysis

- 7.4.1. Oncology
- 7.4.2. CNS
- 7.4.3. Immunology
- 7.4.4. Respiratory
- 7.4.5. Other Applications

## **CHAPTER 8. GLOBAL PRECISION MEDICINE MARKET, REGIONAL ANALYSIS**

### 8.1. Precision Medicine Market, Regional Market Snapshot

#### 8.2. North America Precision Medicine Market

##### 8.2.1. U.S. Precision Medicine Market

8.2.1.1. Technology breakdown estimates & forecasts, 2019-2029

8.2.1.2. Application breakdown estimates & forecasts, 2019-2029

##### 8.2.2. Canada Precision Medicine Market

#### 8.3. Europe Precision Medicine Market Snapshot

##### 8.3.1. U.K. Precision Medicine Market

##### 8.3.2. Germany Precision Medicine Market

##### 8.3.3. France Precision Medicine Market

##### 8.3.4. Spain Precision Medicine Market

##### 8.3.5. Italy Precision Medicine Market

##### 8.3.6. Rest of Europe Precision Medicine Market

#### 8.4. Asia-Pacific Precision Medicine Market Snapshot

##### 8.4.1. China Precision Medicine Market

##### 8.4.2. India Precision Medicine Market

##### 8.4.3. Japan Precision Medicine Market

##### 8.4.4. Australia Precision Medicine Market

##### 8.4.5. South Korea Precision Medicine Market

##### 8.4.6. Rest of Asia Pacific Precision Medicine Market

#### 8.5. Latin America Precision Medicine Market Snapshot

##### 8.5.1. Brazil Precision Medicine Market

##### 8.5.2. Mexico Precision Medicine Market

##### 8.5.3. Rest of Latin America Precision Medicine Market

#### 8.6. Rest of The World Precision Medicine Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

### 9.1. Top Market Strategies

### 9.2. Company Profiles

- 9.2.1. Astarte Medical
  - 9.2.1.1. Key Information
  - 9.2.1.2. Overview
  - 9.2.1.3. Financial (Subject to Data Availability)
  - 9.2.1.4. Product Summary
  - 9.2.1.5. Recent Developments
- 9.2.2. AstraZeneca PLC
- 9.2.3. F Hoffmann-La Roche Ltd.
- 9.2.4. Laboratory Corporation of America Holdings
- 9.2.5. Medtronic PLC
- 9.2.6. Myriad Genetics Inc.
- 9.2.7. Novartis AG
- 9.2.8. Pfizer Inc.
- 9.2.9. Qiagen NV
- 9.2.10. Quest Diagnostics

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Precision Medicine Market, report scope

TABLE 2. Global Precision Medicine Market estimates & forecasts by Region  
2019-2029 (USD Billion)

TABLE 3. Global Precision Medicine Market estimates & forecasts by Technology  
2019-2029 (USD Billion)

TABLE 4. Global Precision Medicine Market estimates & forecasts by Application  
2019-2029 (USD Billion)

TABLE 5. Global Precision Medicine Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 6. Global Precision Medicine Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 7. Global Precision Medicine Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 8. Global Precision Medicine Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 9. Global Precision Medicine Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 10. Global Precision Medicine Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 11. Global Precision Medicine Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 12. Global Precision Medicine Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 13. Global Precision Medicine Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 14. Global Precision Medicine Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 15. U.S. Precision Medicine Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 16. U.S. Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 17. U.S. Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 18. Canada Precision Medicine Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 19. Canada Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Precision Medicine Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. China Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Precision Medicine Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Precision Medicine Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 59. Brazil Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 60. Mexico Precision Medicine Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 61. Mexico Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 62. Mexico Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 63. RoLA Precision Medicine Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 64. RoLA Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 65. RoLA Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 66. Row Precision Medicine Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 67. Row Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 68. Row Precision Medicine Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Precision Medicine  
Market

TABLE 70. List of primary sources, used in the study of global Precision Medicine  
Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final  
deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Precision Medicine Market, research methodology
  - FIG 2. Global Precision Medicine Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Precision Medicine Market, key trends 2021
  - FIG 5. Global Precision Medicine Market, growth prospects 2022-2029
  - FIG 6. Global Precision Medicine Market, porters 5 force model
  - FIG 7. Global Precision Medicine Market, pest analysis
  - FIG 8. Global Precision Medicine Market, value chain analysis
  - FIG 9. Global Precision Medicine Market by segment, 2019 & 2029 (USD Billion)
  - FIG 10. Global Precision Medicine Market by segment, 2019 & 2029 (USD Billion)
  - FIG 11. Global Precision Medicine Market by segment, 2019 & 2029 (USD Billion)
  - FIG 12. Global Precision Medicine Market by segment, 2019 & 2029 (USD Billion)
  - FIG 13. Global Precision Medicine Market by segment, 2019 & 2029 (USD Billion)
  - FIG 14. Global Precision Medicine Market, regional snapshot 2019 & 2029
  - FIG 15. North America Precision Medicine Market 2019 & 2029 (USD Billion)
  - FIG 16. Europe Precision Medicine Market 2019 & 2029 (USD Billion)
  - FIG 17. Asia pacific Precision Medicine Market 2019 & 2029 (USD Billion)
  - FIG 18. Latin America Precision Medicine Market 2019 & 2029 (USD Billion)
  - FIG 19. Global Precision Medicine Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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