

Global Red Biotechnology Market Size study & Forecast, by Product (Monoclonal Antibodies, Polyclonal Antibodies, Vaccines, Cell-Based Immunotherapy Products, Gene Therapy Products, Others), by End-user (Academic Research Institutes, CMOs & CROs, Pharmaceutical & Biotechnology Companies, Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G1DB387FAF2CEN.html>

Date: December 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G1DB387FAF2CEN

Abstracts

Global Red Biotechnology Market is valued at approximately USD 515.58 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 10.6% over the forecast period 2023-2030., Red biotechnology, also known as medical biotechnology, refers to the branch of biotechnology that focuses on using living organisms or their products to develop new medical and pharmaceutical products and applications. This field is called 'red' biotechnology because it primarily deals with healthcare-related applications, and the color red is often associated with the medical and pharmaceutical industries. The key factors driving the market growth is Increasing Healthcare Expenditure, growing old age population, Rising Prevalence of Chronic Diseases, and growing development and production of biopharmaceuticals, including monoclonal antibodies, recombinant proteins, and vaccines that anticipated to support the market growth during projected period.

According to The World Bank, in 2020, it was expected that aging people around the world accounted for 1 billion, which is projected to reach 1.5 billion by the year 2030 which represents that 1 in 6 people are more than 60 years of age. As a result, the growing old age population is anticipated to support the market growth. Additionally, growing research and development activities is anticipated to create the lucrative opportunity for the market during forecast period.

However, the costly therapeutic technology and machinery stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Red Biotechnology Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the presence of key market players, rising healthcare expenditure, and growing research and development activities. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the growing old age population, rising demand for the personalized medicine, and growing Clinical Trials and Research that anticipated to support the region growth.

Major market player included in this report are:

F. Hoffmann-La Roche AG

Pfizer Inc

Regeneron Pharmaceuticals, Inc

Gilead Sciences Inc.

Biogen Inc.

Amgen Inc.

Celgene Corporation

Takeda Pharmaceutical Company Limited

AstraZeneca Plc

Merck KGaA

Recent Developments in the Market:

In August 2022, The U.S. FDA approved MYFEMBREE, a once-daily medication produced by Myovant Sciences and Pfizer with a 24-month maximum treatment

period, for the management of moderate to severe endometriosis-related pain. For the management of mild to severe endometriosis-related pain, MYFEMBREE offers an effective once-daily therapeutic alternative.

Global Red Biotechnology Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Product, End-User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Monoclonal Antibodies

Polyclonal Antibodies

Recombinant Proteins

Vaccines

Cell-Based Immunotherapy Products

Gene Therapy Products

Cell Therapy Products

Tissue-Engineered Products

Stem Cells

Cell Culture

Viral Vector

Enzymes

Kits and Reagents

Animal models

Molecular diagnostics

Others

By End-User:

Academic Research Institutes

CMOs & CROs

Pharmaceutical & Biotechnology Companies

Others

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Red Biotechnology Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Red Biotechnology Market, by Product, 2020-2030 (USD Billion)
 - 1.2.3. Red Biotechnology Market, by End-user, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL RED BIOTECHNOLOGY MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL RED BIOTECHNOLOGY MARKET DYNAMICS

- 3.1. Red Biotechnology Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing prevalence of chronic diseases
 - 3.1.1.2. Advances in genomics and personalized medicine
 - 3.1.1.3. Aging population and increased healthcare expenditure
 - 3.1.2. Market Challenges
 - 3.1.2.1. Intellectual Property and Patent Issues
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing Research and Development

CHAPTER 4. GLOBAL RED BIOTECHNOLOGY 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. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL RED BIOTECHNOLOGY MARKET, BY PRODUCT

- 5.1. Market Snapshot
- 5.2. Global Red Biotechnology Market by Product , Performance - Potential Analysis
- 5.3. Global Red Biotechnology Market Estimates & Forecasts by Product 2020-2030 (USD Billion)
- 5.4. Red Biotechnology Market, Sub Segment Analysis
 - 5.4.1. Monoclonal Antibodies
 - 5.4.2. Polyclonal Antibodies
 - 5.4.3. Vaccines
 - 5.4.4. Cell-Based Immunotherapy Products
 - 5.4.5. Gene Therapy Products
 - 5.4.6. Cell Therapy Products
 - 5.4.7. Tissue-Engineered Products
 - 5.4.8. Stem Cells
 - 5.4.9. Cell Culture
 - 5.4.10. Viral Vector
 - 5.4.11. Enzymes
 - 5.4.12. Kits and Reagents
 - 5.4.13. Animal models
 - 5.4.14. Molecular diagnostics

5.4.15. Others

CHAPTER 6. GLOBAL RED BIOTECHNOLOGY MARKET, BY END-USER

6.1. Market Snapshot

6.2. Global Red Biotechnology Market by end-use, Performance - Potential Analysis

6.3. Global Red Biotechnology Market Estimates & Forecasts by end-user 2020-2030 (USD Billion)

6.4. Red Biotechnology Market, Sub Segment Analysis

6.4.1. Academic Research Institutes

6.4.2. CMOs & CROs

6.4.3. Pharmaceutical & Biotechnology Companies

6.4.4. Others

CHAPTER 7. GLOBAL RED BIOTECHNOLOGY MARKET, REGIONAL ANALYSIS

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. Red Biotechnology Market, Regional Market Snapshot

7.4. North America Red Biotechnology Market

7.4.1. U.S. Red Biotechnology Market

7.4.1.1. Product breakdown estimates & forecasts, 2020-2030

7.4.1.2. end-user breakdown estimates & forecasts, 2020-2030

7.4.2. Canada Red Biotechnology Market

7.5. Europe Red Biotechnology Market Snapshot

7.5.1. U.K. Red Biotechnology Market

7.5.2. Germany Red Biotechnology Market

7.5.3. France Red Biotechnology Market

7.5.4. Spain Red Biotechnology Market

7.5.5. Italy Red Biotechnology Market

7.5.6. Rest of Europe Red Biotechnology Market

7.6. Asia-Pacific Red Biotechnology Market Snapshot

7.6.1. China Red Biotechnology Market

7.6.2. India Red Biotechnology Market

7.6.3. Japan Red Biotechnology Market

7.6.4. Australia Red Biotechnology Market

7.6.5. South Korea Red Biotechnology Market

7.6.6. Rest of Asia Pacific Red Biotechnology Market

7.7. Latin America Red Biotechnology Market Snapshot

- 7.7.1. Brazil Red Biotechnology Market
- 7.7.2. Mexico Red Biotechnology Market
- 7.8. Middle East & Africa Red Biotechnology Market
 - 7.8.1. Saudi Arabia Red Biotechnology Market
 - 7.8.2. South Africa Red Biotechnology Market
 - 7.8.3. Rest of Middle East & Africa Red Biotechnology Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. F. Hoffmann-La Roche AG
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Recent Developments
 - 8.3.2. Pfizer Inc
 - 8.3.3. Regeneron Pharmaceuticals, Inc
 - 8.3.4. Gilead Sciences Inc.
 - 8.3.5. Biogen Inc.
 - 8.3.6. Amgen Inc.
 - 8.3.7. Celgene Corporation
 - 8.3.8. Takeda Pharmaceutical Company Limited
 - 8.3.9. AstraZeneca Plc
 - 8.3.10. Merck KGaA

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Red Biotechnology Market, report scope

TABLE 2. Global Red Biotechnology Market estimates & forecasts by Region
2020-2030 (USD Billion)

TABLE 3. Global Red Biotechnology Market estimates & forecasts by Product
2020-2030 (USD Billion)

TABLE 4. Global Red Biotechnology Market estimates & forecasts by end-user
2020-2030 (USD Billion)

TABLE 5. Global Red Biotechnology Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 6. Global Red Biotechnology Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 7. Global Red Biotechnology Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 8. Global Red Biotechnology Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 9. Global Red Biotechnology Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 10. Global Red Biotechnology Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 11. Global Red Biotechnology Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 12. Global Red Biotechnology Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 13. Global Red Biotechnology Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 14. Global Red Biotechnology Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 15. U.S. Red Biotechnology Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 16. U.S. Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 17. U.S. Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 18. Canada Red Biotechnology Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 19. Canada Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Red Biotechnology Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Red Biotechnology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Red Biotechnology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 59. Brazil Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 60. Mexico Red Biotechnology Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 61. Mexico Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 62. Mexico Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 63. RoLA Red Biotechnology Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 64. RoLA Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 65. RoLA Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Red Biotechnology Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 67. South Africa Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 68. RoMEA Red Biotechnology Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 69. 12. List of secondary sources, used in the study of global Red Biotechnology
Market

TABLE 70. 12. List of primary sources, used in the study of global Red Biotechnology
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 Red Biotechnology Market, research methodology
 - FIG 2. Global Red Biotechnology Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Red Biotechnology Market, key trends 2022
 - FIG 5. Global Red Biotechnology Market, growth prospects 2023-2030
 - FIG 6. Global Red Biotechnology Market, porters 5 force model
 - FIG 7. Global Red Biotechnology Market, pest analysis
 - FIG 8. Global Red Biotechnology Market, value chain analysis
 - FIG 9. Global Red Biotechnology Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Red Biotechnology Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Red Biotechnology Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Red Biotechnology Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Red Biotechnology Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Red Biotechnology Market, regional snapshot 2020 & 2030
 - FIG 15. North America Red Biotechnology Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Red Biotechnology Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Red Biotechnology Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Red Biotechnology Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Red Biotechnology Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Red Biotechnology Market Size study & Forecast, by Product (Monoclonal Antibodies, Polyclonal Antibodies, Vaccines, Cell-Based Immunotherapy Products, Gene Therapy Products, Others), by End-user (Academic Research Institutes, CMOs & CROs, Pharmaceutical & Biotechnology Companies, Others) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G1DB387FAF2CEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1DB387FAF2CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970