

# **Global Biodefense Market 2020-2030 by Product (Vaccines, Detection Devices, Antibiotics, Masks), Sales Channel, Application (Military, Civilian), and Region: Trend Forecast and Growth Opportunity**

<https://marketpublishers.com/r/GFD51D4E9EB0EN.html>

Date: June 2020

Pages: 165

Price: US\$ 2,533.00 (Single User License)

ID: GFD51D4E9EB0EN

## **Abstracts**

Global biodefense market will reach \$15.85 billion by 2030, growing by 6.2% annually over 2020-2030 owing to the rising need for military and civilian vaccines and equipment against diseases including COVID-19 pandemic.

Highlighted with 84 tables and 73 figures, this 165-page report “Global Biodefense Market 2020-2030 by Product (Vaccines, Detection Devices, Antibiotics, Masks), Sales Channel, Application (Military, Civilian), and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global biodefense market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2015-2019 and provides forecast from 2020 till 2030 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

## Emerging Product Trends & Market Opportunities

### Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify global biodefense market in every aspect of the classification from perspectives of Product, Sales Channel, Application, and Region. Based on Product, the global market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

#### Vaccines

Anthrax

Smallpox

Botulism

Nuclear/Radiation

E-Bola

Zika

Other Vaccines

#### Biothreat Detection Devices

Detectors/Triggering Devices

Assays and Reagents

Samplers

Identifiers

Antibiotics

Masks

Other Products

Based on Sales Channel, the global market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Online Sales

Offline Sales

Based on Application, the global market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Military

Civilian

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, and Sri Lanka)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Belgium, Denmark, Austria, Norway, Sweden, The Netherlands, Poland, Czech Republic, Slovakia, Hungary, and Romania)

North America (U.S., Canada, and Mexico)

South America (Brazil, Chile, Argentina, Rest of South America)

RoW (Saudi Arabia, UAE, South Africa)

For each aforementioned region and country, detailed analysis and data for annual revenue are available for 2019-2030. The breakdown of all regional markets by country

and split of key national markets by Product, Sales Channel, Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players. Specifically, potential risks associated with investing in global biodefense market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

Achaogen, Inc.

Alexeter Technologies LLC

Alnylam Pharmaceuticals, Inc.

Altimune, Inc.

Bavarian Nordic AS

BioFactura, Inc.

Cleveland Biolabs, Inc.

Dynavax Technologies Inc

Dynport Vaccine Company LLC (DVC)

Elusys Therapeutics, Inc.

Emergent BioSolutions Inc

General Dynamics Corp.

GlaxoSmithKline Plc

Ichor Medical Systems

Mediimmune (AstraZeneca)

Nanotherapeutics, Inc.

Ology Bioscience

PathSensors Inc

Pluristem Therapeutics

Sanofi Pasteur Ltd.

SIGA Technologies, Inc.

Soligenix, Inc.

Xoma Corporation

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

## Contents

### 1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### 2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

### 3 SEGMENTATION OF GLOBAL MARKET BY PRODUCT

- 3.1 Market Overview by Product
- 3.2 Vaccines
  - 3.2.1 Anthrax
  - 3.2.2 Smallpox
  - 3.2.3 Botulism
  - 3.2.4 Nuclear/Radiation
  - 3.2.5 E-Bola
  - 3.2.6 Zika
  - 3.2.7 Other Vaccines
- 3.3 Biothreat Detection Devices
- 3.4 Antibiotics
- 3.5 Masks

### 3.6 Other Products

## 4 SEGMENTATION OF GLOBAL MARKET BY SALES CHANNEL

### 4.1 Market Overview by Sales Channel

#### 4.2 Online Sales

#### 4.3 Offline Sales

## 5 SEGMENTATION OF GLOBAL MARKET BY APPLICATION

### 5.1 Market Overview by Application

#### 5.2 Military

#### 5.3 Civilian

## 6 SEGMENTATION OF GLOBAL MARKET BY REGION

### 6.1 Geographic Market Overview 2019-2030

#### 6.2 North America Market 2019-2030 by Country

##### 6.2.1 Overview of North America Market

##### 6.2.2 U.S.

##### 6.2.3 Canada

##### 6.2.4 Mexico

#### 6.3 European Market 2019-2030 by Country

##### 6.3.1 Overview of European Market

##### 6.3.2 Germany

##### 6.3.3 UK

##### 6.3.4 France

##### 6.3.5 Spain

##### 6.3.6 Italy

##### 6.3.7 Russia

##### 6.3.8 Rest of European Market

#### 6.4 Asia-Pacific Market 2019-2030 by Country

##### 6.4.1 Overview of Asia-Pacific Market

##### 6.4.2 Japan

##### 6.4.3 China

##### 6.4.4 Australia

##### 6.4.5 India

##### 6.4.6 South Korea

##### 6.4.7 Rest of APAC Region

## 6.5 South America Market 2019-2030 by Country

6.5.1 Argentina

6.5.2 Brazil

6.5.3 Chile

6.5.4 Rest of South America Market

## 6.6 Rest of World Market 2019-2030 by Country

6.6.1 UAE

6.6.2 Saudi Arabia

6.6.3 South Africa

6.6.4 Other National Markets

## 7 COMPETITIVE LANDSCAPE

### 7.1 Overview of Key Vendors

### 7.2 New Product Launch, Partnership, Investment, and M&A

### 7.3 Company Profiles

Achaogen, Inc.

Alexeter Technologies LLC

Alnylam Pharmaceuticals, Inc.

Altimune, Inc.

Bavarian Nordic AS

BioFactura, Inc.

Cleveland Biolabs, Inc.

Dynavax Technologies Inc

Dynport Vaccine Company LLC (DVC)

Elusys Therapeutics, Inc.

Emergent BioSolutions Inc

General Dynamics Corp.

GlaxoSmithKline Plc

Ichor Medical Systems

Mediimmune (AstraZeneca)

Nanotherapeutics, Inc.

Ology Bioscience

PathSensors Inc

Pluristem Therapeutics

Sanofi Pasteur Ltd.

SIGA Technologies, Inc.

Soligenix, Inc.

Xoma Corporation

## **8 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT**

8.1 Risk Evaluation of Global Market

8.2 Critical Success Factors (CSFs)

Related Reports and Products



## List Of Tables

### LIST OF TABLES

Table 1. Snapshot of Global Biodefense Market, 2019-2030
Table 2. Main Product Trends and Market Opportunities in Global Biodefense Market
Table 3. Global Biodefense Market by Product, 2019-2030, \$ mn
Table 4. Global Biodefense Market: Vaccines by Application, 2019-2030, \$ mn
Table 5. List of Biodefense Vaccine Pipelines
Table 6. Global Biodefense Market: Vaccines Biothreat Detection Devices by Type, 2019-2030, \$ mn
Table 7. Global Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 8. Global Market by Application, 2019-2030, \$ mn
Table 9. Global Biodefense Market by Region, 2019-2030, \$ mn
Table 10. Leading National Biodefense Market, 2019 and 2030, \$ mn
Table 11. North America Biodefense Market by Country, 2019-2030, \$ mn
Table 12. U.S. Biodefense Market by Product, 2019-2030, \$ mn
Table 13. U.S. Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 14. U.S. Biodefense Market by Application, 2019-2030, \$ mn
Table 15. Canada Biodefense Market by Product, 2019-2030, \$ mn
Table 16. Canada Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 17. Canada Biodefense Market by Application, 2019-2030, \$ mn
Table 18. Mexico Biodefense Market by Product, 2019-2030, \$ mn
Table 19. Mexico Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 20. Mexico Biodefense Market by Application, 2019-2030, \$ mn
Table 21. Europe Biodefense Market by Country, 2019-2030, \$ mn
Table 22. Germany Biodefense Market by Product, 2019-2030, \$ mn
Table 23. Germany Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 24. Germany Biodefense Market by Application, 2019-2030, \$ mn
Table 25. UK Biodefense Market by Product, 2019-2030, \$ mn
Table 26. UK Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 27. UK Biodefense Market by Application, 2019-2030, \$ mn
Table 28. France Biodefense Market by Product, 2019-2030, \$ mn
Table 29. France Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 30. France Biodefense Market by Application, 2019-2030, \$ mn
Table 31. Spain Biodefense Market by Product, 2019-2030, \$ mn
Table 32. Spain Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 33. Spain Biodefense Market by Application, 2019-2030, \$ mn
Table 34. Italy Biodefense Market by Product, 2019-2030, \$ mn

Table 35. Italy Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 36. Italy Biodefense Market by Application, 2019-2030, \$ mn
Table 37. Russia Biodefense Market by Product, 2019-2030, \$ mn
Table 38. Russia Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 39. Russia Biodefense Market by Application, 2019-2030, \$ mn
Table 40. Biodefense Market in Rest of Europe by Country, 2019-2030, \$ mn
Table 41. APAC Biodefense Market by Country, 2019-2030, \$ mn
Table 42. Japan Biodefense Market by Product, 2019-2030, \$ mn
Table 43. Japan Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 44. Japan Biodefense Market by Application, 2019-2030, \$ mn
Table 45. China Biodefense Market by Product, 2019-2030, \$ mn
Table 46. China Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 47. China Biodefense Market by Application, 2019-2030, \$ mn
Table 48. Australia Biodefense Market by Product, 2019-2030, \$ mn
Table 49. Australia Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 50. Australia Biodefense Market by Application, 2019-2030, \$ mn
Table 51. India Biodefense Market by Product, 2019-2030, \$ mn
Table 52. India Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 53. India Biodefense Market by Application, 2019-2030, \$ mn
Table 54. South Korea Biodefense Market by Product, 2019-2030, \$ mn
Table 55. South Korea Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 56. South Korea Biodefense Market by Application, 2019-2030, \$ mn
Table 57. Biodefense Market in Rest of APAC by Country, 2019-2030, \$ mn
Table 58. South America Biodefense Market by Country, 2019-2030, \$ mn
Table 59. Argentina Biodefense Market by Product, 2019-2030, \$ mn
Table 60. Argentina Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 61. Argentina Biodefense Market by Application, 2019-2030, \$ mn
Table 62. Brazil Biodefense Market by Product, 2019-2030, \$ mn
Table 63. Brazil Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 64. Brazil Biodefense Market by Application, 2019-2030, \$ mn
Table 65. Chile Biodefense Market by Product, 2019-2030, \$ mn
Table 66. Chile Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 67. Chile Biodefense Market by Application, 2019-2030, \$ mn
Table 68. RoW Biodefense Market by Country, 2019-2030, \$ mn
Table 69. UAE Biodefense Market by Product, 2019-2030, \$ mn
Table 70. UAE Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 71. UAE Biodefense Market by Application, 2019-2030, \$ mn
Table 72. Saudi Arabia Biodefense Market by Product, 2019-2030, \$ mn
Table 73. Saudi Arabia Biodefense Market by Sales Channel, 2019-2030, \$ mn

Table 74. Saudi Arabia Biodefense Market by Application, 2019-2030, \$ mn
Table 75. South Africa Biodefense Market by Product, 2019-2030, \$ mn
Table 76. South Africa Biodefense Market by Sales Channel, 2019-2030, \$ mn
Table 77. South Africa Biodefense Market by Application, 2019-2030, \$ mn
Table 78. Achaogen, Inc.: Company Snapshot
Table 79. Achaogen, Inc.: Business Segmentation
Table 80. Achaogen, Inc.: Product Portfolio
Table 81. Achaogen, Inc.: Revenue, 2016-2018, \$ mn
Table 82. Achaogen, Inc.: Recent Developments
Table 83. Risk Evaluation for Investing in Global Market, 2019-2030
Table 84. Critical Success Factors and Key Takeaways

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Breakdown of Primary Research

Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 4. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 5. Global Biodefense Market, 2019-2030, \$ mn

Figure 6. Primary Drivers and Impact Factors of Global Biodefense Market

Figure 7. Primary Restraints and Impact Factors of Global Biodefense Market

Figure 8. Investment Opportunity Analysis

Figure 9. Porter's Five Forces Analysis of Global Biodefense Market

Figure 10. Breakdown of Global Biodefense Market by Product, 2019-2030, % of Sales Revenue

Figure 11. Global Addressable Market Cap in 2020-2030 by Product, Value (\$ mn) and Share (%)

Figure 12. Global Biodefense Market: Vaccines, 2019-2030, \$ mn

Figure 13. Global Biodefense Market: Anthrax, 2019-2030, \$ mn

Figure 14. Global Biodefense Market: Smallpox, 2019-2030, \$ mn

Figure 15. Global Biodefense Market: Botulism, 2019-2030, \$ mn

Figure 16. Global Biodefense Market: Nuclear/Radiation, 2019-2030, \$ mn

Figure 17. Global Biodefense Market: E-Bola, 2019-2030, \$ mn

Figure 18. Global Biodefense Market: Zika, 2019-2030, \$ mn

Figure 19. Global Biodefense Market: Other Vaccines, 2019-2030, \$ mn

Figure 20. Global Biodefense Market: Biothreat Detection Devices, 2019-2030, \$ mn

Figure 21. Global Biodefense Market: Antibiotics, 2019-2030, \$ mn

Figure 22. Global Biodefense Market: Masks, 2019-2030, \$ mn

Figure 23. Global Biodefense Market: Other Products, 2019-2030, \$ mn

Figure 24. Breakdown of Global Biodefense Market by Sales Channel, 2019-2030, % of Sales Revenue

Figure 25. Global Addressable Market Cap in 2020-2030 by Sales Channel, Value (\$ mn) and Share (%)

Figure 26. Global Biodefense Market: Online Sales, 2019-2030, \$ mn

Figure 27. Global Biodefense Market: Offline Sales, 2019-2030, \$ mn

Figure 28. Breakdown of Global Market by Application, 2019-2030, % of Revenue

Figure 29. Global Addressable Market Cap in 2020-2030 by Application, Value (\$ mn) and Share (%)

Figure 30. Global Biodefense Market: Military, 2019-2030, \$ mn

Figure 31. Global Biodefense Market: Civilian, 2019-2030, \$ mn

Figure 32. Global Market Snapshot by Region

Figure 33. Geographic Spread of Worldwide Biodefense Market, 2019-2030, % of Sales Revenue

Figure 34. Global Addressable Market Cap in 2020-2030 by Region, Value (\$ mn) and Share (%)

Figure 35. North American Biodefense Market, 2019-2030, \$ mn

Figure 36. Breakdown of North America Biodefense Market by Country, 2019 and 2030, % of Revenue

Figure 37. Contribution to North America 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 38. U.S. Biodefense Market, 2019-2030, \$ mn

Figure 39. Canada Biodefense Market, 2019-2030, \$ mn

Figure 40. Biodefense Market in Mexico, 2015-2026, \$ mn

Figure 41. European Biodefense Market, 2019-2030, \$ mn

Figure 42. Breakdown of European Biodefense Market by Country, 2019 and 2030, % of Revenue

Figure 43. Contribution to Europe 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 44. Biodefense Market in Germany, 2019-2030, \$ mn

Figure 45. Biodefense Market in UK, 2019-2030, \$ mn

Figure 46. Biodefense Market in France, 2019-2030, \$ mn

Figure 47. Biodefense Market in Spain, 2019-2030, \$ mn

Figure 48. Biodefense Market in Italy, 2019-2030, \$ mn

Figure 49. Biodefense Market in Russia, 2019-2030, \$ mn

Figure 50. Biodefense Market in Rest of Europe, 2019-2030, \$ mn

Figure 51. Asia-Pacific Biodefense Market, 2019-2030, \$ mn

Figure 52. Breakdown of APAC Biodefense Market by Country, 2019 and 2030, % of Revenue

Figure 53. Contribution to APAC 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 54. Biodefense Market in Japan, 2019-2030, \$ mn

Figure 55. Biodefense Market in China, 2019-2030, \$ mn

Figure 56. Biodefense Market in Australia, 2019-2030, \$ mn

Figure 57. Biodefense Market in India, 2019-2030, \$ mn

Figure 58. Biodefense Market in South Korea, 2019-2030, \$ mn

Figure 59. Biodefense Market in Rest of APAC, 2019-2030, \$ mn

Figure 60. South America Biodefense Market, 2019-2030, \$ mn

Figure 61. Breakdown of South America Biodefense Market by Country, 2019 and 2030, % of Revenue

Figure 62. Contribution to South America 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 63. Biodefense Market in Argentina, 2019-2030, \$ mn

Figure 64. Biodefense Market in Brazil, 2019-2030, \$ mn

Figure 65. Biodefense Market in Chile, 2019-2030, \$ mn

Figure 66. Biodefense Market in Rest of South America, 2019-2030, \$ mn

Figure 67. Biodefense Market in Rest of the World (RoW), 2019-2030, \$ mn

Figure 68. Breakdown of RoW Biodefense Market by Country, 2019 and 2030, % of Revenue

Figure 69. Contribution to RoW 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 70. Biodefense Market in UAE, 2019-2030, \$ mn

Figure 71. Biodefense Market in Saudi Arabia, 2019-2030, \$ mn

Figure 72. Biodefense Market in South Africa, 2019-2030, \$ mn

Figure 73. Growth Stage of Global Biodefense Industry over the Forecast Period



## I would like to order

Product name: Global Biodefense Market 2020-2030 by Product (Vaccines, Detection Devices, Antibiotics, Masks), Sales Channel, Application (Military, Civilian), and Region: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/GFD51D4E9EB0EN.html>

Price: US\$ 2,533.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFD51D4E9EB0EN.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