

# **Phage Therapy Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2017-2027**

## **Segmented By Bacteria Type (Salmonella, Bacteriophage, Streptococcus, E.Coli, Others), By Product (Oral Consumption, External Consumption, Surgical Treatment), By Application (Human Medicines, Veterinary Sciences, Food & Beverage, Others), and By Region**

<https://marketpublishers.com/r/P0FB51DBB6EFEN.html>

Date: December 2022

Pages: 118

Price: US\$ 4,900.00 (Single User License)

ID: P0FB51DBB6EFEN

### **Abstracts**

The global phage therapy market is anticipated to observe impressive growth during the forecast period, 2023-2027. The major factors include growing incidences of foodborne diseases, anti-biotic infections, and extensive research and development. Phages, also known as bacteriophages, are viruses that only kill and selectively target bacteria. They are the most common biological entities found in nature, effectively fighting, and destroying multi-drug-resistant bacteria. They are used to treat or stop bacterial infections in patients' bodies. The other factors supporting the market's growth are, the increasing application of bacteriophage across the food and beverage industry, increasing government investments, rising awareness among the masses, and technological advancements.

#### **High Prevalence Rate of Foodborne Diseases and Anti-Biotic Infections**

The rise in the prevalence rate of foodborne diseases and anti-biotic infections across the globe is expected to enhance the market's growth. Foodborne infections are caused by rotten food, as pathogenic bacteria and viruses are present in them. Bacteriophages are extremely specific to target bacteria. Its usage targets a specific

bacterial species and significantly reduces off-target effects on the microbiome or human patient, as bacteriophages do not directly affect human cells. According to the WHO, in 2019, forecasted that about 600 million people will become ill and 420,000 will die because of contaminated food resulting in the loss of 33 million healthy life years. Also, according to the Centers for Disease Control and Prevention (CDC), in 2019, approximately 2 million people in the United States will contract an antibiotic-resistant infection, with at least 23,000 people dying every year.

### Increasing Investment

Heavy investments to support phage therapy by the government is the rising healthcare expenditure which helps in improving its infrastructure. Also, various government and lead companies across the globe are investing in clinical trials and R&D Activities, which is propelling the growth of the market. For instance, in 2016, the National Institute of Allergy and Infectious Diseases (NIAID), a part of the National Institutes of Health, was granted US\$ 5 Mn for 24 research projects to develop advanced therapies such as bacteriophage therapy and others for the treatment of bacterial infections.

### Emergence of e-Commerce

Emergence of e-Commerce is bolstering the growth of the market. Several biotech market players are starting to set up online pharmacies of bacteriophage preparations to make phages and phage therapies available across the globe. For instance, in 2020, Ridgeway, a Digital agency, launched a new e-Commerce website for Optibac probiotics, to build on customer compliance and repeat purchase of phage therapy supplements.

### Market Segmentation

The global phage therapy market is segmented into bacteria type, products, application, and company. Based on bacteria type, the market is divided into salmonella, bacteriophage, streptococcus, E.coli, and others. Based on products, the market is divided into oral consumption, external consumption, and surgical treatment. Based on application, the market is segmented into human medicines, veterinary sciences, food & beverage, and others. In terms of country, the United States is expected to be a lucrative market in the forecast period due to rising prevalence of foodborne diseases and anti-biotic infections in the country.

### Market Players

Armata Pharmaceuticals, Inc., iNtODEWORLD, Inc., Phage International, Inc., Fixed-Phage Limited, OCUS BIOSCIENCES, INC., Intralytix, Inc, PhagoMed Biopharma GmbH, PHAGELUX, INC., Pherecydes Pharma SADIR, and Adaptive Phage Therapeutics Inc are some of the leading companies operating in the market.

#### Report Scope:

In this report, global phage therapy market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

#### Phage Therapy Market, By Bacterial Type:

Salmonella

Bacteriophage

Streptococcus

E.Coli

Others

#### Phage Therapy Market, By Products:

Oral Consumption

External Consumption

Surgical Treatment

#### Phage Therapy Market, By Application:

Human Medicines

Veterinary Sciences

Food & Beverage

Others

Phage Therapy Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

Australia

South Korea

Europe & CIS

Germany

France

United Kingdom

Spain

Italy

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Phage Therapy Market

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. PRODUCT OVERVIEW

### 2. RESEARCH METHODOLOGY

### 3. EXECUTIVE SUMMARY

### 4. IMPACT OF COVID-19 ON GLOBAL PHAGE THERAPY MARKET

### 5. VOICE OF CUSTOMER

### 6. CLINICAL TRIALS ANALYSIS

### 7. GLOBAL PHAGE THERAPY MARKET OUTLOOK

#### 7.1. Market Size & Forecast

##### 7.1.1. By Value

#### 7.2. Market Share & Forecast

##### 7.2.1. By Bacteria Type (Salmonella, Bacteriophage, Streptococcus, E.Coli, Others)

##### 7.2.2. By Product (Oral Consumption, External Consumption, Surgical Treatment)

##### 7.2.3. By Application (Human Medicines, Veterinary Sciences, Food & Beverage, Others)

##### 7.2.4. By Company (2021)

##### 7.2.5. By Region

#### 7.3. Market Map

### 8. NORTH AMERICA PHAGE THERAPY MARKET OUTLOOK

#### 8.1. Market Size & Forecast

##### 8.1.1. By Value

#### 8.2. Market Share & Forecast

##### 8.2.1. By Bacteria Type

##### 8.2.2. By Product

##### 8.2.3. By Application

##### 8.2.4. By Country

#### 8.3. North America: Country Analysis

##### 8.3.1. United States Phage Therapy Market Outlook

##### 8.3.1.1. Market Size & Forecast

- 8.3.1.1.1. By Value
- 8.3.1.2. Market Share & Forecast
  - 8.3.1.2.1. By Bacteria Type
  - 8.3.1.2.2. By Product
  - 8.3.1.2.3. By Application
- 8.3.2. Mexico Phage Therapy Market Outlook
  - 8.3.2.1. Market Size & Forecast
    - 8.3.2.1.1. By Value
  - 8.3.2.2. Market Share & Forecast
    - 8.3.2.2.1. By Bacteria Type
    - 8.3.2.2.2. By Product
    - 8.3.2.2.3. By Application
- 8.3.3. Canada Phage Therapy Market Outlook
  - 8.3.3.1. Market Size & Forecast
    - 8.3.3.1.1. By Value
  - 8.3.3.2. Market Share & Forecast
    - 8.3.3.2.1. By Bacteria Type
    - 8.3.3.2.2. By Product
    - 8.3.3.2.3. By Application

## **9. EUROPE PHAGE THERAPY MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Bacteria Type
  - 9.2.2. By Product
  - 9.2.3. By Application
  - 9.2.4. By Country
- 9.3. Europe: Country Analysis
  - 9.3.1. France Phage Therapy Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Bacteria Type
      - 9.3.1.2.2. By Product
      - 9.3.1.2.3. By Application
  - 9.3.2. Germany Phage Therapy Market Outlook
    - 9.3.2.1. Market Size & Forecast

- 9.3.2.1.1. By Value
- 9.3.2.2. Market Share & Forecast
  - 9.3.2.2.1. By Bacteria Type
  - 9.3.2.2.2. By Product
  - 9.3.2.2.3. By Application
- 9.3.3. United Kingdom Phage Therapy Market Outlook
  - 9.3.3.1. Market Size & Forecast
    - 9.3.3.1.1. By Value
  - 9.3.3.2. Market Share & Forecast
    - 9.3.3.2.1. By Bacteria Type
    - 9.3.3.2.2. By Product
    - 9.3.3.2.3. By Application
- 9.3.4. Italy Phage Therapy Market Outlook
  - 9.3.4.1. Market Size & Forecast
    - 9.3.4.1.1. By Value
  - 9.3.4.2. Market Share & Forecast
    - 9.3.4.2.1. By Bacteria Type
    - 9.3.4.2.2. By Product
    - 9.3.4.2.3. By Application
- 9.3.5. Spain Phage Therapy Market Outlook
  - 9.3.5.1. Market Size & Forecast
    - 9.3.5.1.1. By Value
  - 9.3.5.2. Market Share & Forecast
    - 9.3.5.2.1. By Bacteria Type
    - 9.3.5.2.2. By Product
    - 9.3.5.2.3. By Application

## **10. ASIA-PACIFIC PHAGE THERAPY MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Bacteria Type
  - 10.2.2. By Product
  - 10.2.3. By Application
  - 10.2.4. By Country
- 10.3. Asia-Pacific: Country Analysis
  - 10.3.1. China Phage Therapy Market Outlook
    - 10.3.1.1. Market Size & Forecast



- 10.3.1.1.1. By Value
- 10.3.1.2. Market Share & Forecast
  - 10.3.1.2.1. By Bacteria Type
  - 10.3.1.2.2. By Product
  - 10.3.1.2.3. By Application
- 10.3.2. India Phage Therapy Market Outlook
  - 10.3.2.1. Market Size & Forecast
    - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
    - 10.3.2.2.1. By Bacteria Type
    - 10.3.2.2.2. By Product
    - 10.3.2.2.3. By Application
- 10.3.3. Japan Phage Therapy Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Bacteria Type
    - 10.3.3.2.2. By Product
    - 10.3.3.2.3. By Application
- 10.3.4. South Korea Phage Therapy Market Outlook
  - 10.3.4.1. Market Size & Forecast
    - 10.3.4.1.1. By Value
  - 10.3.4.2. Market Share & Forecast
    - 10.3.4.2.1. By Bacteria Type
    - 10.3.4.2.2. By Product
    - 10.3.4.2.3. By Application
- 10.3.5. Australia Phage Therapy Market Outlook
  - 10.3.5.1. Market Size & Forecast
    - 10.3.5.1.1. By Value
  - 10.3.5.2. Market Share & Forecast
    - 10.3.5.2.1. By Bacteria Type
    - 10.3.5.2.2. By Product
    - 10.3.5.2.3. By Application

## **11. SOUTH AMERICA PHAGE THERAPY MARKET OUTLOOK**

- 11.1. Market Size & Forecast
  - 11.1.1. By Value
- 11.2. Market Share & Forecast

- 11.2.1. By Bacteria Type
- 11.2.2. By Product
- 11.2.3. By Application
- 11.2.4. By Country
- 11.3. South America: Country Analysis
  - 11.3.1. Brazil Phage Therapy Market Outlook
    - 11.3.1.1. Market Size & Forecast
      - 11.3.1.1.1. By Value
    - 11.3.1.2. Market Share & Forecast
      - 11.3.1.2.1. By Bacteria Type
      - 11.3.1.2.2. By Product
      - 11.3.1.2.3. By Application
  - 11.3.2. Argentina Phage Therapy Market Outlook
    - 11.3.2.1. Market Size & Forecast
      - 11.3.2.1.1. By Value
    - 11.3.2.2. Market Share & Forecast
      - 11.3.2.2.1. By Bacteria Type
      - 11.3.2.2.2. By Product
      - 11.3.2.2.3. By Application
  - 11.3.3. Colombia Phage Therapy Market Outlook
    - 11.3.3.1. Market Size & Forecast
      - 11.3.3.1.1. By Value
    - 11.3.3.2. Market Share & Forecast
      - 11.3.3.2.1. By Bacteria Type
      - 11.3.3.2.2. By Product
      - 11.3.3.2.3. By Application

## **12. MIDDLE EAST AND AFRICA PHAGE THERAPY MARKET OUTLOOK**

- 12.1. Market Size & Forecast
  - 12.1.1. By Value
- 12.2. Market Share & Forecast
  - 12.2.1. By Bacteria Type
  - 12.2.2. By Product
  - 12.2.3. By Application
  - 12.2.4. By Country
- 12.3. MEA: Country Analysis
  - 12.3.1. South Africa Phage Therapy Market Outlook
    - 12.3.1.1. Market Size & Forecast

- 12.3.1.1.1. By Value
- 12.3.1.2. Market Share & Forecast
  - 12.3.1.2.1. By Bacteria Type
  - 12.3.1.2.2. By Product
  - 12.3.1.2.3. By Application
- 12.3.2. Saudi Arabia Phage Therapy Market Outlook
  - 12.3.2.1. Market Size & Forecast
    - 12.3.2.1.1. By Value
  - 12.3.2.2. Market Share & Forecast
    - 12.3.2.2.1. By Bacteria Type
    - 12.3.2.2.2. By Product
    - 12.3.2.2.3. By Application
- 12.3.3. UAE Phage Therapy Market Outlook
  - 12.3.3.1. Market Size & Forecast
    - 12.3.3.1.1. By Value
  - 12.3.3.2. Market Share & Forecast
    - 12.3.3.2.1. By Bacteria Type
    - 12.3.3.2.2. By Product
    - 12.3.3.2.3. By Application
- 12.3.4. Egypt Phage Therapy Market Outlook
  - 12.3.4.1. Market Size & Forecast
    - 12.3.4.1.1. By Value
  - 12.3.4.2. Market Share & Forecast
    - 12.3.4.2.1. By Bacteria Type
    - 12.3.4.2.2. By Product
    - 12.3.4.2.3. By Application
- 12.3.5. Turkey Phage Therapy Market Outlook
  - 12.3.5.1. Market Size & Forecast
    - 12.3.5.1.1. By Value
  - 12.3.5.2. Market Share & Forecast
    - 12.3.5.2.1. By Bacteria Type
    - 12.3.5.2.2. By Product
    - 12.3.5.2.3. By Application

## **13. MARKET DYNAMICS**

13.1. Drivers

13.2. Challenges

## **14. MARKET TRENDS & DEVELOPMENTS**

## **15. COMPETITIVE LANDSCAPE**

- 15.1. Armata Pharmaceuticals, Inc.
- 15.2. iNtODEWORLD, Inc.
- 15.3. Phage International, Inc.
- 15.4. Fixed-Phage Limited
- 15.5. OCUS BIOSCIENCES, INC.
- 15.6. Intralytix, Inc
- 15.7. PhagoMed Biopharma GmbH
- 15.8. PHAGELUX, INC.
- 15.9. Pherecydes Pharma SADIR
- 15.10. Adaptive Phage Therapeutics Inc.

## **16. STRATEGIC RECOMMENDATIONS**

## I would like to order

Product name: Phage Therapy Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2017-2027 Segmented By Bacteria Type (Salmonella, Bacteriophage, Streptococcus, E.Coli, Others), By Product (Oral Consumption, External Consumption, Surgical Treatment), By Application (Human Medicines, Veterinary Sciences, Food & Beverage, Others), and By Region

Product link: <https://marketpublishers.com/r/P0FB51DBB6EFEN.html>

Price: US\$ 4,900.00 (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/P0FB51DBB6EFEN.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