

Gene Delivery Technologies - Global Market Outlook (2020-2028)

<https://marketpublishers.com/r/G6CF3B58BF68EN.html>

Date: May 2021

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: G6CF3B58BF68EN

Abstracts

According to Statistics MRC, the Global Gene Delivery Technologies Market is accounted for \$2.60 billion in 2020 and is expected to reach \$9.19 billion by 2028 growing at a CAGR of 17.1% during the forecast period. Advantages like briefness and nontoxicity nature, technological advancements in viral vectors, growing pipeline of advanced therapies, are the factors driving the market growth. However, several clinical challenges associated with viral systems have spurred the usage of chemical methods which may restrain the growth of the market.

Gene delivery is the process of introducing foreign gene delivery, such as DNA or RNA, into host cells, the technologies used to implement the gene delivery are gene delivery technologies. Gene delivery technology is widely applied for various diseases treatment caused from bacterial infections, exterior chemical toxins, viral invasions, malignant tumours and endogenous genetic defects. The advent of cell and gene therapies played a major role in reshaping the entire pharmaceutical ecosystem by transforming the treatment of genetic and intractable diseases.

Based on the application, the gene therapy segment is going to have lucrative growth during the forecast period due to the growing acceptance of gene-based therapies and the consequent increase in the number of clinical research initiatives have fuelled the revenue generation in this segment. Increasing acceptance of gene therapy products worldwide has also accelerated the segment growth.

By geography, North America is going to have high growth during the forecast period due to the substantial number of clinical trials are underway to assess the efficacy and safety of gene therapies as a viable treatment for incurable diseases such as cancer, genetic disorders, HIV in the U.S., Many innovative projects covering viral vector-based

gene therapy trials for rare conditions are being introduced in North America. These factors increase the demand of the North America region in the market for gene delivery technologies.

Some of the key players profiled in the Gene Delivery Technologies Market include Bio-Rad Laboratories, Inc., Catalent Inc., OriGene Technologies, Inc., Oxford Biomedica, Promega Corporation, QIAGEN, SignaGen Laboratories, Sirion-Biotech GmbH, System Biosciences llc, Takara Bio Inc., Thermo Fisher Scientific, Inc., Vectalys and Horizon Discovery Group Plc.

Methods Covered:

Ex-Vivo

In-Vivo

In Vitro

Applications Covered:

Gene Therapy

Cell Therapy

Vaccines

Research

Modes Covered:

Biological

Chemical

Physical

Regions Covered:**North America**

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL GENE DELIVERY TECHNOLOGIES MARKET, BY METHOD

- 5.1 Introduction
- 5.2 Ex-Vivo
- 5.3 In-Vivo
- 5.4 In Vitro

6 GLOBAL GENE DELIVERY TECHNOLOGIES MARKET, BY APPLICATION

- 6.1 Introduction
- 6.2 Gene Therapy
- 6.3 Cell Therapy
- 6.4 Vaccines
- 6.5 Research

7 GLOBAL GENE DELIVERY TECHNOLOGIES MARKET, BY MODE

- 7.1 Introduction
- 7.2 Biological
 - 7.2.1 Adenoassociated Virus (AAV)
 - 7.2.2 Lentivirus
 - 7.2.3 Retrovirus
 - 7.2.4 Adenovirus
 - 7.2.5 Non-Viral
- 7.3 Chemical
- 7.4 Physical

8 GLOBAL GENE DELIVERY TECHNOLOGIES MARKET, BY GEOGRAPHY

- 8.1 Introduction
- 8.2 North America
 - 8.2.1 US
 - 8.2.2 Canada
 - 8.2.3 Mexico
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.2 UK
 - 8.3.3 Italy
 - 8.3.4 France
 - 8.3.5 Spain

- 8.3.6 Rest of Europe
- 8.4 Asia Pacific
 - 8.4.1 Japan
 - 8.4.2 China
 - 8.4.3 India
 - 8.4.4 Australia
 - 8.4.5 New Zealand
 - 8.4.6 South Korea
 - 8.4.7 Rest of Asia Pacific
- 8.5 South America
 - 8.5.1 Argentina
 - 8.5.2 Brazil
 - 8.5.3 Chile
 - 8.5.4 Rest of South America
- 8.6 Middle East & Africa
 - 8.6.1 Saudi Arabia
 - 8.6.2 UAE
 - 8.6.3 Qatar
 - 8.6.4 South Africa
 - 8.6.5 Rest of Middle East & Africa

9 KEY DEVELOPMENTS

- 9.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 9.2 Acquisitions & Mergers
- 9.3 New Product Launch
- 9.4 Expansions
- 9.5 Other Key Strategies

10 COMPANY PROFILING

- 10.1 Bio-Rad Laboratories, Inc.
- 10.2 Catalent Inc.
- 10.3 OriGene Technologies, Inc.
- 10.4 Oxford Biomedica
- 10.5 Promega Corporation
- 10.6 QIAGEN
- 10.7 SignaGen Laboratories
- 10.8 Sirion-Biotech GmbH

- 10.9 System Biosciences llc
- 10.10 Takara Bio Inc.
- 10.11 Thermo Fisher Scientific, Inc.
- 10.12 Vectalys
- 10.13 Horizon Discovery Group Plc.

List Of Tables

LIST OF TABLES

Table 1 Global Gene Delivery Technologies Market Outlook, By Region (2019-2028)
(US \$MN)

Table 2 Global Gene Delivery Technologies Market Outlook, By Method (2019-2028)
(US \$MN)

Table 3 Global Gene Delivery Technologies Market Outlook, By Ex-Vivo (2019-2028)
(US \$MN)

Table 4 Global Gene Delivery Technologies Market Outlook, By In-Vivo (2019-2028)
(US \$MN)

Table 5 Global Gene Delivery Technologies Market Outlook, By In Vitro (2019-2028)
(US \$MN)

Table 6 Global Gene Delivery Technologies Market Outlook, By Application
(2019-2028) (US \$MN)

Table 7 Global Gene Delivery Technologies Market Outlook, By Gene Therapy
(2019-2028) (US \$MN)

Table 8 Global Gene Delivery Technologies Market Outlook, By Cell Therapy
(2019-2028) (US \$MN)

Table 9 Global Gene Delivery Technologies Market Outlook, By Vaccines (2019-2028)
(US \$MN)

Table 10 Global Gene Delivery Technologies Market Outlook, By Research (2019-2028)
(US \$MN)

Table 11 Global Gene Delivery Technologies Market Outlook, By Mode (2019-2028)
(US \$MN)

Table 12 Global Gene Delivery Technologies Market Outlook, By Biological (2019-2028)
(US \$MN)

Table 13 Global Gene Delivery Technologies Market Outlook, By Adenoassociated
Virus (AAV) (2019-2028) (US \$MN)

Table 14 Global Gene Delivery Technologies Market Outlook, By Lentivirus (2019-2028)
(US \$MN)

Table 15 Global Gene Delivery Technologies Market Outlook, By Retrovirus
(2019-2028) (US \$MN)

Table 16 Global Gene Delivery Technologies Market Outlook, By Adenovirus
(2019-2028) (US \$MN)

Table 17 Global Gene Delivery Technologies Market Outlook, By Non-Viral (2019-2028)
(US \$MN)

Table 18 Global Gene Delivery Technologies Market Outlook, By Chemical (2019-2028)

(US \$MN)

Table 19 Global Gene Delivery Technologies Market Outlook, By Physical (2019-2028)

(US \$MN)

Table 20 North America Gene Delivery Technologies Market Outlook, By Country (2019-2028) (US \$MN)

Table 21 North America Gene Delivery Technologies Market Outlook, By Method (2019-2028) (US \$MN)

Table 22 North America Gene Delivery Technologies Market Outlook, By Ex-Vivo (2019-2028) (US \$MN)

Table 23 North America Gene Delivery Technologies Market Outlook, By In-Vivo (2019-2028) (US \$MN)

Table 24 North America Gene Delivery Technologies Market Outlook, By In Vitro (2019-2028) (US \$MN)

Table 25 North America Gene Delivery Technologies Market Outlook, By Application (2019-2028) (US \$MN)

Table 26 North America Gene Delivery Technologies Market Outlook, By Gene Therapy (2019-2028) (US \$MN)

Table 27 North America Gene Delivery Technologies Market Outlook, By Cell Therapy (2019-2028) (US \$MN)

Table 28 North America Gene Delivery Technologies Market Outlook, By Vaccines (2019-2028) (US \$MN)

Table 29 North America Gene Delivery Technologies Market Outlook, By Research (2019-2028) (US \$MN)

Table 30 North America Gene Delivery Technologies Market Outlook, By Mode (2019-2028) (US \$MN)

Table 31 North America Gene Delivery Technologies Market Outlook, By Biological (2019-2028) (US \$MN)

Table 32 North America Gene Delivery Technologies Market Outlook, By Adenoassociated Virus (AAV) (2019-2028) (US \$MN)

Table 33 North America Gene Delivery Technologies Market Outlook, By Lentivirus (2019-2028) (US \$MN)

Table 34 North America Gene Delivery Technologies Market Outlook, By Retrovirus (2019-2028) (US \$MN)

Table 35 North America Gene Delivery Technologies Market Outlook, By Adenovirus (2019-2028) (US \$MN)

Table 36 North America Gene Delivery Technologies Market Outlook, By Non-Viral (2019-2028) (US \$MN)

Table 37 North America Gene Delivery Technologies Market Outlook, By Chemical (2019-2028) (US \$MN)

Table 38 North America Gene Delivery Technologies Market Outlook, By Physical (2019-2028) (US \$MN)

Table 39 Europe Gene Delivery Technologies Market Outlook, By Country (2019-2028) (US \$MN)

Table 40 Europe Gene Delivery Technologies Market Outlook, By Method (2019-2028) (US \$MN)

Table 41 Europe Gene Delivery Technologies Market Outlook, By Ex-Vivo (2019-2028) (US \$MN)

Table 42 Europe Gene Delivery Technologies Market Outlook, By In-Vivo (2019-2028) (US \$MN)

Table 43 Europe Gene Delivery Technologies Market Outlook, By In Vitro (2019-2028) (US \$MN)

Table 44 Europe Gene Delivery Technologies Market Outlook, By Application (2019-2028) (US \$MN)

Table 45 Europe Gene Delivery Technologies Market Outlook, By Gene Therapy (2019-2028) (US \$MN)

Table 46 Europe Gene Delivery Technologies Market Outlook, By Cell Therapy (2019-2028) (US \$MN)

Table 47 Europe Gene Delivery Technologies Market Outlook, By Vaccines (2019-2028) (US \$MN)

Table 48 Europe Gene Delivery Technologies Market Outlook, By Research (2019-2028) (US \$MN)

Table 49 Europe Gene Delivery Technologies Market Outlook, By Mode (2019-2028) (US \$MN)

Table 50 Europe Gene Delivery Technologies Market Outlook, By Biological (2019-2028) (US \$MN)

Table 51 Europe Gene Delivery Technologies Market Outlook, By Adenoassociated Virus (AAV) (2019-2028) (US \$MN)

Table 52 Europe Gene Delivery Technologies Market Outlook, By Lentivirus (2019-2028) (US \$MN)

Table 53 Europe Gene Delivery Technologies Market Outlook, By Retrovirus (2019-2028) (US \$MN)

Table 54 Europe Gene Delivery Technologies Market Outlook, By Adenovirus (2019-2028) (US \$MN)

Table 55 Europe Gene Delivery Technologies Market Outlook, By Non-Viral (2019-2028) (US \$MN)

Table 56 Europe Gene Delivery Technologies Market Outlook, By Chemical (2019-2028) (US \$MN)

Table 57 Europe Gene Delivery Technologies Market Outlook, By Physical (2019-2028)

(US \$MN)

Table 58 Asia Pacific Gene Delivery Technologies Market Outlook, By Country (2019-2028) (US \$MN)

Table 59 Asia Pacific Gene Delivery Technologies Market Outlook, By Method (2019-2028) (US \$MN)

Table 60 Asia Pacific Gene Delivery Technologies Market Outlook, By Ex-Vivo (2019-2028) (US \$MN)

Table 61 Asia Pacific Gene Delivery Technologies Market Outlook, By In-Vivo (2019-2028) (US \$MN)

Table 62 Asia Pacific Gene Delivery Technologies Market Outlook, By In Vitro (2019-2028) (US \$MN)

Table 63 Asia Pacific Gene Delivery Technologies Market Outlook, By Application (2019-2028) (US \$MN)

Table 64 Asia Pacific Gene Delivery Technologies Market Outlook, By Gene Therapy (2019-2028) (US \$MN)

Table 65 Asia Pacific Gene Delivery Technologies Market Outlook, By Cell Therapy (2019-2028) (US \$MN)

Table 66 Asia Pacific Gene Delivery Technologies Market Outlook, By Vaccines (2019-2028) (US \$MN)

Table 67 Asia Pacific Gene Delivery Technologies Market Outlook, By Research (2019-2028) (US \$MN)

Table 68 Asia Pacific Gene Delivery Technologies Market Outlook, By Mode (2019-2028) (US \$MN)

Table 69 Asia Pacific Gene Delivery Technologies Market Outlook, By Biological (2019-2028) (US \$MN)

Table 70 Asia Pacific Gene Delivery Technologies Market Outlook, By Adenoassociated Virus (AAV) (2019-2028) (US \$MN)

Table 71 Asia Pacific Gene Delivery Technologies Market Outlook, By Lentivirus (2019-2028) (US \$MN)

Table 72 Asia Pacific Gene Delivery Technologies Market Outlook, By Retrovirus (2019-2028) (US \$MN)

Table 73 Asia Pacific Gene Delivery Technologies Market Outlook, By Adenovirus (2019-2028) (US \$MN)

Table 74 Asia Pacific Gene Delivery Technologies Market Outlook, By Non-Viral (2019-2028) (US \$MN)

Table 75 Asia Pacific Gene Delivery Technologies Market Outlook, By Chemical (2019-2028) (US \$MN)

Table 76 Asia Pacific Gene Delivery Technologies Market Outlook, By Physical (2019-2028) (US \$MN)

Table 77 South America Gene Delivery Technologies Market Outlook, By Country (2019-2028) (US \$MN)

Table 78 South America Gene Delivery Technologies Market Outlook, By Method (2019-2028) (US \$MN)

Table 79 South America Gene Delivery Technologies Market Outlook, By Ex-Vivo (2019-2028) (US \$MN)

Table 80 South America Gene Delivery Technologies Market Outlook, By In-Vivo (2019-2028) (US \$MN)

Table 81 South America Gene Delivery Technologies Market Outlook, By In Vitro (2019-2028) (US \$MN)

Table 82 South America Gene Delivery Technologies Market Outlook, By Application (2019-2028) (US \$MN)

Table 83 South America Gene Delivery Technologies Market Outlook, By Gene Therapy (2019-2028) (US \$MN)

Table 84 South America Gene Delivery Technologies Market Outlook, By Cell Therapy (2019-2028) (US \$MN)

Table 85 South America Gene Delivery Technologies Market Outlook, By Vaccines (2019-2028) (US \$MN)

Table 86 South America Gene Delivery Technologies Market Outlook, By Research (2019-2028) (US \$MN)

Table 87 South America Gene Delivery Technologies Market Outlook, By Mode (2019-2028) (US \$MN)

Table 88 South America Gene Delivery Technologies Market Outlook, By Biological (2019-2028) (US \$MN)

Table 89 South America Gene Delivery Technologies Market Outlook, By Adenoassociated Virus (AAV) (2019-2028) (US \$MN)

Table 90 South America Gene Delivery Technologies Market Outlook, By Lentivirus (2019-2028) (US \$MN)

Table 91 South America Gene Delivery Technologies Market Outlook, By Retrovirus (2019-2028) (US \$MN)

Table 92 South America Gene Delivery Technologies Market Outlook, By Adenovirus (2019-2028) (US \$MN)

Table 93 South America Gene Delivery Technologies Market Outlook, By Non-Viral (2019-2028) (US \$MN)

Table 94 South America Gene Delivery Technologies Market Outlook, By Chemical (2019-2028) (US \$MN)

Table 95 South America Gene Delivery Technologies Market Outlook, By Physical (2019-2028) (US \$MN)

Table 96 Middle East & Africa Gene Delivery Technologies Market Outlook, By Country

(2019-2028) (US \$MN)

Table 97 Middle East & Africa Gene Delivery Technologies Market Outlook, By Method

(2019-2028) (US \$MN)

Table 98 Middle East & Africa Gene Delivery Technologies Market Outlook, By Ex-Vivo

(2019-2028) (US \$MN)

Table 99 Middle East & Africa Gene Delivery Technologies Market Outlook, By In-Vivo

(2019-2028) (US \$MN)

Table 100 Middle East & Africa Gene Delivery Technologies Market Outlook, By In Vitro

(2019-2028) (US \$MN)

Table 101 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Application (2019-2028) (US \$MN)

Table 102 Middle East & Africa Gene Delivery Technologies Market Outlook, By Gene
Therapy (2019-2028) (US \$MN)

Table 103 Middle East & Africa Gene Delivery Technologies Market Outlook, By Cell
Therapy (2019-2028) (US \$MN)

Table 104 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Vaccines (2019-2028) (US \$MN)

Table 105 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Research (2019-2028) (US \$MN)

Table 106 Middle East & Africa Gene Delivery Technologies Market Outlook, By Mode
(2019-2028) (US \$MN)

Table 107 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Biological (2019-2028) (US \$MN)

Table 108 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Adenoassociated Virus (AAV) (2019-2028) (US \$MN)

Table 109 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Lentivirus (2019-2028) (US \$MN)

Table 110 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Retrovirus (2019-2028) (US \$MN)

Table 111 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Adenovirus (2019-2028) (US \$MN)

Table 112 Middle East & Africa Gene Delivery Technologies Market Outlook, By Non-
Viral (2019-2028) (US \$MN)

Table 113 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Chemical (2019-2028) (US \$MN)

Table 114 Middle East & Africa Gene Delivery Technologies Market Outlook, By
Physical (2019-2028) (US \$MN)

I would like to order

Product name: Gene Delivery Technologies - Global Market Outlook (2020-2028)

Product link: <https://marketpublishers.com/r/G6CF3B58BF68EN.html>

Price: US\$ 4,150.00 (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/G6CF3B58BF68EN.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