

# Global Drugs Based on Gene Therapy Market Research Report 2023

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## **Abstracts**

Gene Delivery System or Gene therapy is an experimental technique that uses genes to treat or prevent disease. In the future, this technique may allow doctors to treat a disorder by inserting a gene into a patient's cells instead of using drugs or surgery

According to QYResearch's new survey, global Drugs Based on Gene Therapy market is projected to reach US\$ 34850 million in 2029, increasing from US\$ 9063 million in 2022, with the CAGR of 20.2% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Drugs Based on Gene Therapy market research.

The advanced therapy based on gene market is driven by the potential to revolutionize healthcare by offering personalized and targeted treatments for genetic disorders and other diseases. Advanced therapy based on gene includes gene therapy, cell therapy, and gene editing techniques, which aim to modify or replace faulty genes to treat or cure diseases at the genetic level. The rise in the understanding of genetic mechanisms and advancements in biotechnology and genetic engineering contribute to market growth as these therapies hold promise for previously untreatable conditions. Moreover, increasing investment in research and clinical trials and the support from regulatory agencies for accelerated approval further boost the development and commercialization of advanced gene therapies. However, the market also faces challenges, including the complexity of manufacturing and delivering gene-based therapies, safety concerns related to viral vectors and off-target effects in gene editing, and high treatment costs. Additionally, addressing regulatory requirements and ensuring accessibility and affordability of advanced gene therapies can pose obstacles for broader adoption. To succeed, companies must focus on research and development to advance the safety



and efficacy of gene-based therapies, collaborate with healthcare stakeholders to build robust infrastructure, and address the challenges to fully realize the transformative potential of advanced therapy based on gene in modern medicine.

#### Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global Drugs Based on Gene Therapy market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

By Company

Biogen

Novartis

**Gilead Sciences** 

Sarepta Therapeutics

Alnylam Pharmaceuticals

Amgen

**Spark Therapeutics** 

**Akcea Therapeutics** 

Bluebird bio

Sunway Biotech

SIBIONO

AnGes

**Orchard Therapeutics** 



### Human Stem Cells Institute

Segment by Type

Based on Viral

Based on Non-viral

### Segment by Application

Neurological Diseases

Cancer

Other

By Region

North America

United States

Canada

### Europe

Germany

France

UK

Italy

Russia



### Nordic Countries

#### Rest of Europe

Asia-Pacific

China

Japan

South Korea

Southeast Asia

India

Australia

Rest of Asia

Latin America

Mexico

Brazil

**Rest of Latin America** 

Middle East & Africa

Turkey

Saudi Arabia

UAE

Rest of MEA



The Drugs Based on Gene Therapy report covers below items:

Chapter 1: Product Basic Information (Definition, Type and Application)

Chapter 2: Global market size, regional market size. Market Opportunities and Challenges

Chapter 3: Companies' Competition Patterns

Chapter 4: Product Type Analysis

Chapter 5: Product Application Analysis

Chapter 6 to 10: Country Level Value Analysis

Chapter 11: Companies' Outline

Chapter 12: Market Conclusions

Chapter 13: Research Methodology and Data Source



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