

Global Gene Therapy on Cancer Market Research Report 2023

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Abstracts

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 Gene Therapy on Cancer market is projected to reach US\$ 45520 million in 2029, increasing from US\$ 4310.8 million in 2022, with the CAGR of 39.9% 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 Gene Therapy on Cancer market research.

The Drug Based on Gene Therapy market is primarily driven by the revolutionary potential of gene therapy to address genetic disorders at their root cause, offering a new paradigm for treating previously incurable conditions. Gene therapy involves introducing genetic material into a patient's cells to correct or replace faulty genes, aiming to restore normal cellular function. The increasing understanding of the genetic basis of diseases, coupled with advancements in gene delivery methods and genome editing techniques, contributes to market growth. Moreover, the demonstrated benefits of gene therapy in providing targeted and long-lasting treatments, overcoming limitations of traditional pharmacological approaches, and offering hope to patients with rare genetic disorders further propel adoption. However, challenges include optimizing gene delivery efficiency, addressing potential immune responses, and ensuring the long-term safety and durability of gene-based treatments. Navigating regulatory pathways, conducting rigorous clinical trials, and addressing ethical considerations are ongoing concerns. The market's success relies on continuous research in genetic medicine, collaborations between biotechnology companies and research institutions, and comprehensive

education on the benefits and potential challenges of using gene therapy-based drugs while addressing the evolving challenges associated with precision medicine and personalized treatments.

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 Gene Therapy on Cancer market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

By Company

Novartis

Gilead Sciences

Amgen

Shanghai Sunway

Sibiono

Segment by Type

Viral Gene Therapy

Non-viral Gene Therapy

Segment by Application

Hospital

Clinic

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 Gene Therapy on Cancer 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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