

Gene Therapy Market Size, Trends, Analysis, and Outlook By Type (Gene silencing, Cell replacement, Gene augmentation, Others), By Vector, Viral vectors, Non-Viral vectors), By Therapeutic Area (Neurology, Oncology, Hepatology, Others), By Delivery method (In Vivo, Ex Vivo), By Route of Administration (Intravenous, Others), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/G09E70D6EA1AEN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: G09E70D6EA1AEN

Abstracts

The global Gene Therapy market size is poised to register 18.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Gene Therapy market across By Type (Gene silencing, Cell replacement, Gene augmentation, Others), By Vector, Viral vectors, Non-Viral vectors), By Therapeutic Area (Neurology, Oncology, Hepatology, Others), By Delivery method (In Vivo, Ex Vivo), By Route of Administration (Intravenous, Others)

The gene therapy market is driven by the increasing interest in gene-based therapeutics for genetic diseases and acquired disorders, advancements in gene delivery vectors and genome editing technologies, and the growing investment in gene therapy research and development. By 2030, the market is expected to witness significant growth, fueled by innovations in viral vectors, non-viral vectors, and gene editing tools. Further, expanding applications in monogenic diseases, cancer immunotherapy, and regenerative medicine are anticipated to drive market expansion, enabling biopharmaceutical companies, academic institutions, and healthcare providers to develop and commercialize gene therapies that offer curative potential, long-term efficacy, and safety for patients with unmet medical needs and genetic disorders

through gene replacement, gene editing, and gene modulation strategies for transformative healthcare solutions and disease management in clinical practice.

Gene Therapy Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Gene Therapy market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Gene Therapy survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Gene Therapy industry.

Key market trends defining the global Gene Therapy demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Gene Therapy Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Gene Therapy industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Gene Therapy companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Gene Therapy industry

Leading Gene Therapy companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Gene Therapy companies.

Gene Therapy Market Study- Strategic Analysis Review

Gene Therapy Market Size, Trends, Analysis, and Outlook By Type (Gene silencing, Cell replacement, Gene augmen...

The Gene Therapy market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Gene Therapy Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Gene Therapy industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Gene Therapy Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Gene Therapy Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing

environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Gene Therapy market segments. Similarly, Strong market demand is encouraging Canadian Gene Therapy companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Gene Therapy market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Gene Therapy Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Gene Therapy industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Gene Therapy market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Gene Therapy Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Gene Therapy in Asia Pacific. In particular, China, India, and South East Asian Gene Therapy markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Gene Therapy Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued

urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Gene Therapy Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Gene Therapy market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Gene Therapy.

Gene Therapy Market Company Profiles

The global Gene Therapy market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Alnylam Pharmaceuticals Inc, Amgen Inc, Biogen Inc, BioMarin Pharmaceutical Inc, bluebird bio Inc, Bristol-Myers Squibb Company, F. Hoffmann-La Roche AG, Gilead Sciences Inc, Jazz Pharmaceuticals plc, Johnson & Johnson, Krystal Biotech Inc, Novartis AG, Orchard Therapeutics plc, Sarepta Therapeutics Inc, Shanghai Sunway Biotech Co. Ltd, Sibiono Genetech Co. Ltd, uniQure N.V.

Recent Gene Therapy Market Developments

The global Gene Therapy market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Gene Therapy Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Type

Gene silencing

Cell replacement

Gene augmentation

Others

By Vector

Viral vectors

Non-Viral vectors

By Therapeutic Area

Neurology

Oncology

Hepatology

Others

By Delivery method

In Vivo

Ex Vivo

By Route of Administration

Intravenous

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Alnylam Pharmaceuticals Inc

Amgen Inc

Biogen Inc

BioMarin Pharmaceutical Inc

bluebird bio Inc

Bristol-Myers Squibb Company

F. Hoffmann-La Roche AG

Gilead Sciences Inc

Jazz Pharmaceuticals plc

Johnson & Johnson

Krystal Biotech Inc

Novartis AG

Orchard Therapeutics plc

Sarepta Therapeutics Inc

Shanghai Sunway Biotech Co. Ltd

Sibiono Genetech Co. Ltd

uniQure N.V.

Formats Available: Excel, PDF, and PPT

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Others

By Vector

Viral vectors

Non-Viral vectors

By Therapeutic Area

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By Delivery method

In Vivo

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- BioMarin Pharmaceutical Inc
- bluebird bio Inc
- Bristol-Myers Squibb Company
- F. Hoffmann-La Roche AG
- Gilead Sciences Inc
- Jazz Pharmaceuticals plc
- Johnson & Johnson
- Krystal Biotech Inc
- Novartis AG
- Orchard Therapeutics plc
- Sarepta Therapeutics Inc
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