

Cell and Gene Therapy Market Size, Trends, Analysis, and Outlook By Type (Cell Therapy, Gene Therapy), By Gene Type, Gene silencing, Cell replacement, Gene augmentation, Others), By Cell Type (T-Cells, Stem Cells, Other), By Application (Oncology, Dermatology, Musculoskeletal, Genetic Disorders, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/C83F07C3C963EN.html>

Date: March 2024

Pages: 190

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

ID: C83F07C3C963EN

Abstracts

The global Cell and Gene Therapy market size is poised to register 20.38% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Cell and Gene Therapy market By Type (Cell Therapy, Gene Therapy), By Gene Type, Gene silencing, Cell replacement, Gene augmentation, Others), By Cell Type (T-Cells, Stem Cells, Other), By Application (Oncology, Dermatology, Musculoskeletal, Genetic Disorders, Others).

The future of cell and gene therapy is characterized by advancements in biotechnology, genetic engineering, and personalized medicine to develop innovative treatments for a wide range of diseases, including genetic disorders, cancer, and degenerative conditions. Key trends include the development of engineered cell therapies, such as chimeric antigen receptor (CAR) T-cell therapy and stem cell transplantation, which harness the power of the immune system or regenerative potential of stem cells to target and eliminate diseased cells or tissues. Additionally, the exploration of gene editing technologies, such as CRISPR-Cas9, offers the potential to correct disease-causing genetic mutations, restore normal cellular function, and provide curative treatments for inherited genetic disorders. Moreover, the customization of treatment protocols and patient-specific cell products based on genetic profiling, disease stage, and immune status drives personalized medicine approaches and optimizes treatment

outcomes in cell and gene therapy. Furthermore, the integration of advanced manufacturing techniques, automation, and quality control measures ensures scalable production, reproducibility, and safety of cell and gene therapy products, facilitating regulatory approval and widespread clinical adoption. Overall, these advancements drive innovation and optimization in cell and gene therapy, offering promising therapeutic options and transformative potential for patients with previously incurable diseases..

Cell and 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 Cell and Gene Therapy market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Cell and 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 Cell and Gene Therapy industry.

Key market trends defining the global Cell and 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.

Cell and Gene Therapy Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Cell and 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 Cell and 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 Cell and Gene Therapy industry

Leading Cell and 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 Cell and Gene Therapy companies.

Cell and Gene Therapy Market Study- Strategic Analysis Review

The Cell and 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.

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

The Cell and 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

Cell and Gene Therapy Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

North America Cell and 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Cell and Gene Therapy market segments. Similarly, Strong end-user demand is encouraging Canadian Cell and Gene Therapy companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Cell and Gene Therapy market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Cell and 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 Cell and 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 businesses in identifying and leveraging new growth prospects positions the European Cell and 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 Cell and 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 Cell and Gene Therapy in Asia Pacific. In particular, China, India, and South East Asian Cell and Gene Therapy markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

Latin America Cell and 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 Cell and 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 Cell and Gene Therapy market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Cell and Gene Therapy.

Cell and Gene Therapy Market Company Profiles

The global Cell and 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, Bluebird bio Inc, Bristol Myers Squibb Co., Castle Creek Biosciences Inc, CORESTEM Inc, Cytori Therapeutics Inc, Dendreon Pharmaceuticals LLC, Ferring BV, Gilead Sciences Inc, Helixmith Co. Ltd, Human Stem Cells Institute, JCR Pharmaceuticals Co. Ltd, Kolon TissueGene Inc, Novartis AG, Orchard Therapeutics Plc, Pfizer Inc, Sibiono GeneTech Co. Ltd, Vericel Corp.

Recent Cell and Gene Therapy Market Developments

The global Cell and 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.

Cell and Gene Therapy Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

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

Bluebird bio Inc

Bristol Myers Squibb Co.

Castle Creek Biosciences Inc

CORESTEM Inc

Cytori Therapeutics Inc

Dendreon Pharmaceuticals LLC

Ferring BV

Gilead Sciences Inc

Helixmith Co. Ltd

Human Stem Cells Institute

JCR Pharmaceuticals Co. Ltd

Kolon TissueGene Inc

Novartis AG

Orchard Therapeutics Plc

Pfizer Inc

Sibiono GeneTech Co. Ltd

Vericel Corp

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Cell and Gene Therapy Market Overview and Key Findings, 2024
- 1.2 Cell and Gene Therapy Market Size and Growth Outlook, 2021- 2030
- 1.3 Cell and Gene Therapy Market Growth Opportunities to 2030
- 1.4 Key Cell and Gene Therapy Market Trends and Challenges
 - 1.4.1 Cell and Gene Therapy Market Drivers and Trends
 - 1.4.2 Cell and Gene Therapy Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Cell and Gene Therapy Companies

2. CELL AND GENE THERAPY MARKET SIZE OUTLOOK TO 2030

- 2.1 Cell and Gene Therapy Market Size Outlook, USD Million, 2021- 2030
- 2.2 Cell and Gene Therapy Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. CELL AND GENE THERAPY MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. CELL AND GENE THERAPY MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Type
 - Stationary 3D and 4D Ultrasound Devices
 - Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Cell and Gene Therapy Market, 2025

5.2 Asia Pacific Cell and Gene Therapy Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Cell and Gene Therapy Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Cell and Gene Therapy Market, 2025

5.5 Europe Cell and Gene Therapy Market Size Outlook by Type, 2021- 2030

5.6 Europe Cell and Gene Therapy Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Cell and Gene Therapy Market, 2025

5.8 North America Cell and Gene Therapy Market Size Outlook by Type, 2021- 2030

5.9 North America Cell and Gene Therapy Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Cell and Gene Therapy Market, 2025

- 5.11 South America Pacific Cell and Gene Therapy Market Size Outlook by Type, 2021-2030
- 5.12 South America Cell and Gene Therapy Market Size Outlook by Application, 2021-2030
- 5.13 Key Findings for Middle East and Africa Cell and Gene Therapy Market, 2025
- 5.14 Middle East Africa Cell and Gene Therapy Market Size Outlook by Type, 2021-2030
- 5.15 Middle East Africa Cell and Gene Therapy Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Cell and Gene Therapy Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Cell and Gene Therapy Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Cell and Gene Therapy Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Cell and Gene Therapy Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Cell and Gene Therapy Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Cell and Gene Therapy Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Cell and Gene Therapy Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Cell and Gene Therapy Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Cell and Gene Therapy Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Cell and Gene Therapy Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Cell and Gene Therapy Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Cell and Gene Therapy Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Cell and Gene Therapy Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Cell and Gene Therapy Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts

- 6.28 Australia Cell and Gene Therapy Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Cell and Gene Therapy Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Cell and Gene Therapy Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Cell and Gene Therapy Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Cell and Gene Therapy Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Cell and Gene Therapy Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Cell and Gene Therapy Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Cell and Gene Therapy Industry Drivers and Opportunities

7. CELL AND GENE THERAPY MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. CELL AND GENE THERAPY COMPANY PROFILES

- 8.1 Profiles of Leading Cell and Gene Therapy Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- Alnylam Pharmaceuticals Inc
 - Amgen Inc
 - Biogen Inc
 - Bluebird bio Inc
 - Bristol Myers Squibb Co.
 - Castle Creek Biosciences Inc
 - CORESTEM Inc
 - Cytori Therapeutics Inc
 - Dendreon Pharmaceuticals LLC
 - Ferring BV
 - Gilead Sciences Inc
 - Helixmith Co. Ltd

Human Stem Cells Institute
JCR Pharmaceuticals Co. Ltd
Kolon TissueGene Inc
Novartis AG
Orchard Therapeutics Plc
Pfizer Inc
Sibiono GeneTech Co. Ltd
Vericel Corp

9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

I would like to order

Product name: Cell and Gene Therapy Market Size, Trends, Analysis, and Outlook By Type (Cell Therapy, Gene Therapy), By Gene Type, Gene silencing, Cell replacement, Gene augmentation, Others), By Cell Type (T-Cells, Stem Cells, Other), By Application (Oncology, Dermatology, Musculoskeletal, Genetic Disorders, Others), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/C83F07C3C963EN.html>

Price: US\$ 3,980.00 (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/C83F07C3C963EN.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