

Cell & Gene Therapy Market - Global Outlook and Forecast 2020-2025

<https://marketpublishers.com/r/C3F96731603DEN.html>

Date: August 2020

Pages: 266

Price: US\$ 3,500.00 (Single User License)

ID: C3F96731603DEN

Abstracts

In-depth Analysis and Data-driven Insights on the Impact of COVID-19 Included in this Global Cell and Gene Therapy Market Report

The global cell and gene therapy market by revenue is expected to grow at a CAGR of over 30.90% during the period 2019–2025.

The global cell and gene therapy market is one of the fastest-growing segments in the regenerative medicine market. The market is expected to grow at a faster pace during the forecast period. The demand can be attributed to the growing prevalence of several chronic diseases such as cancer, cartilage related problems, wounds, diabetic foot ulcer, genetic disorders, and other rare diseases across the globe. The prevalence of cancer and diabetes is increasing in the global population, which is influencing the growth of the market. There is a large unmet need in the treatment available, which is filled by cell and gene therapies. The market is growing due to the increased availability of funding from various public and private institutions. Besides, there is increased support from regulatory bodies for product approval. Several governments are creating awareness of cell and gene therapies in the population.

The following factors are likely to contribute to the growth of the cell and gene therapy market during the forecast period:

Increase in Strategic Acquisition Activities

Increased Funding for Cell & Gene Therapy Products

Expanding Applications of Cell and Gene Therapies

Increased in the Patient Pool

The study considers the present scenario of the cell and gene therapy market and its market dynamics for the period 2019-2025. It covers a detailed overview of several market growth enablers, restraints, and trends. The report offers both the demand and supply aspects of the market. It profiles and examines leading companies and other prominent ones operating in the market.

Cell And Gene Therapy Market Segmentation

The global cell and gene therapy market research report includes a detailed segmentation by product, disease, end-user, and geography. In 2019, the cell therapy segment accounted for a market share of over 53% in the global cell and gene therapy market. The segment is expected to grow at a steady rate during the forecast period due to the increase in the target population and the rise in the number of countries preferring cell therapies in their patients. Increased therapeutic benefits are attracting several countries to invest in this technology and conduct a high number of clinical trials. However, the lack of advanced infrastructure in developing countries is hindering the growth of the segment.

In 2019, the oncology segment accounted for a share of over 40% in the global cell and gene therapy market. Oncology has been one of the targets of intense research for the gene therapy procedures & approach. More than 60% of on-going gene therapy clinical trials are targeting cancer. The segment is expected to grow at a promising rate on account of the high prevalence of cancer diseases, especially in low and middle-income countries. The market is growing at a double-digit CAGR, which is expected to help the segment as many cell and gene therapy for cancer are commercially available.

The dermatology application segment in the cell and gene therapy includes wound care management among patients. Vendors are focusing on the development and commercialization of advanced wound care products for the treatment of chronic and acute wounds, thereby increasing the growth of the wound care market. The increased pervasiveness of diabetics is increasing acute and chronic wounds, including surgical wounds, pressure ulcers, diabetic foot ulcers, and other wounds.

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Segmentation by Product

Cell Therapy

Gene Therapy

Segmentation by Disease

Dermatology

Musculoskeletal

Oncology

Genetic Disorders

Others

Segmentation by End-user

Hospitality

Cancer Care Centers

Wound Care Centers

Ambulatory Surgical Centers

Others

INSIGHTS BY GEOGRAPHY

In 2019, North America accounted for a share of over 60% of the global cell and gene therapy market. There are more than 530 regenerative medicine companies, including cell and gene therapy manufacturing developers. The number of products approved in North America grew significantly in 2019, with developers filed for marketing authorization for 10+ regenerative medicines, many of which we expect to be approved in 2020. Within the next 1–2 years, the number of approved gene therapies is expected to double. The US and Canada are the major contributors to the cell and gene therapy market in North America. Regulatory bodies are supporting several investigational products, fast track approvals, RMAT designation for the faster approval of the product into the market. The alliance for regenerative medicine and Medicare and Medicaid is working together to bring the structured reimbursement channels for cell and gene therapies.

Segmentation by Geography

North America

US

Canada

Europe

UK

Germany

France

Spain

Italy

APAC

China

Japan

South Korea

Australia

India

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

Turkey

South Africa

UAE

INSIGHTS BY VENDORS

The global cell and gene therapy market is highly dynamic and characterized by the presence of several global, regional, and local vendors offering a wide range of therapies. Dendreon, Gilead Sciences, Novartis, Organogenesis, Osiris Therapeutics, Vericel, Amgen, and Spark Therapeutics are the leading players in the market with significant shares. Vendors such as NuVasive, APAC Biotech, Nipro, Orthocell, bluebird

bio, J-TEC, and Terumo are the other prominent players in the market with a presence, especially in the cell therapy market. Most leading players are focusing on implementing strategies such as product launches and approvals, marketing and promotional activities, acquisitions, increased R&D investments, and strengthening their distribution networks to enhance their share and presence in the market.

Prominent Vendors

Gilead Sciences

Spark Therapeutics

Novartis

Organogenesis

Amgen

Osiris Therapeutics

Dendreon

Vericel

Other Prominent Vendors

Anterogen

Tego Sciences

Japan Tissue Engineering

JCR Pharmaceuticals

Medipost

MolMed

AVITA Medical

CollPlant

Biosolution

Stempeutics Research

Kolon Tissue Gene

Orchard Therapeutics

Sibiono GeneTech

NuVasive

Corestem

Pharmicell

Shanghai Sunway Biotech

RMS Regenerative Medical System

Takeda Pharmaceutical Company

CHIESI Farmaceutici

CO.DON

AnGes

GC Pharma

Human Stem Cells Institute

JW CreaGene

APAC Biotech

Nipro

Terumo

Orthocell

bluebird bio

KEY QUESTIONS ANSWERED

1. What is the cell and gene therapy market size and growth rate during the forecast period?
2. What are the factors impacting the growth of the cell and gene therapy market share?
3. How is the growth of the healthcare segment affecting the growth of the cell and gene therapy market?
4. Who are the leading vendors in the cell and gene therapy market, and what are their market shares?
5. Which product type/ end-user type/region is generating the largest revenue in the Asia Pacific region?

Contents

1 RESEARCH METHODOLOGY

2 RESEARCH OBJECTIVES

3 RESEARCH PROCESS

4 SCOPE & COVERAGE

4.1 Market Definition

4.1.1 Inclusions

4.1.2 Exclusions

4.2 Base Year

4.3 Scope of The Study

4.3.1 Market Segmentation by Product

4.3.2 Market Segmentation by Application

4.3.3 Market Segmentation by End-Users

4.3.4 Market Segmentation by Geography

5 REPORT ASSUMPTIONS & CAVEATS

5.1 Key Caveats

5.2 Currency Conversion

5.3 Market Derivation

6 MARKET AT A GLANCE

7 INTRODUCTION

7.1 Overview

7.2 Cell and Gene Therapy: An Overview

8 MARKET OPPORTUNITIES & TRENDS

8.1 Increase in Strategic Acquisitions

8.2 Robust Cell & Gene Therapy Pipeline

8.3 Increased Funding for Cell & Gene Therapy Products

8.4 Expanding Applications for Cell & Gene Therapies

9 MARKET GROWTH ENABLERS

- 9.1 Increasing Pool of Target Patients
- 9.2 Product Launches & Approvals
- 9.3 Regulatory Support & Special Designation for Cell & Gene Therapy Products
- 9.4 Growing Demand for Car T-Cell Therapies

10 MARKET RESTRAINTS

- 10.1 High Cost of Cell and Gene Therapy
- 10.2 Limitations of Gene Therapy Products
- 10.3 Availability of Alternative Treatments & Withdrawal of Products
- 10.4 Manufacturing & Operational Challenges with Cell & Gene Therapy Products
- 10.5 Low Product Penetration in LMICS

11 MARKET LANDSCAPE

- 11.1 Market Overview
- 11.2 Market Size & Forecast
- 11.3 Five Forces Analysis
 - 11.3.1 Threat of New Entrants
 - 11.3.2 Bargaining Power of Suppliers
 - 11.3.3 Bargaining Power of Buyers
 - 11.3.4 Threat of Substitutes
 - 11.3.5 Competitive Rivalry

12 BY PRODUCT

- 12.1 Market Snapshot & Growth Engine
- 12.2 Market Overview
- 12.3 Cell Therapy
 - 12.3.1 Market Overview
 - 12.3.2 Market Size & Forecast
- 12.4 Gene Therapy
 - 12.4.1 Market Overview
 - 12.4.2 Market Size & Forecast

13 BY APPLICATION

13.1 Market Snapshot & Growth Engine

13.2 Market Overview

13.3 Oncology

13.3.1 Market Overview

13.3.2 Market Size & Forecast

13.4 Dermatology

13.4.1 Market Overview

13.4.2 Market Size & Forecast

13.5 Musculoskeletal

13.5.1 Market Overview

13.5.2 Market Size & Forecast

13.6 Genetic Disorders

13.6.1 Market Overview

13.6.2 Market Size & Forecast

13.7 Others

13.7.1 Market Overview

13.7.2 Market Size & Forecast

14 BY END-USER

14.1 Market Snapshot & Growth Engine

14.2 Market Overview

14.3 Hospitals

14.3.1 Market Overview

14.3.2 Market Size & Forecast

14.4 Wound Care Centers

14.4.1 Market Overview

14.4.2 Market Size & Forecast

14.5 Cancer Care Centers

14.5.1 Market Overview

14.5.2 Market Size & Forecast

14.6 AMBULATORY SURGICAL CENTERS

14.6.1 Market Overview

14.6.2 Market Size & Forecast

14.7 OTHERS

14.7.1 Market Overview

14.7.2 Market Size & Forecast

15 BY GEOGRAPHY

15.1 Market Snapshot & Growth Engine

15.2 Geographic Overview

16 NORTH AMERICA

16.1 Market Overview

16.2 Market Size & Forecast

16.3 Key Countries

16.3.1 US: Market Size & Forecast

16.3.2 Canada: Market Size & Forecast

17 EUROPE

17.1 Market Overview

17.2 Market Size & Forecast

17.3 Key Countries

17.3.1 Germany: Market Size & Forecast

17.3.2 France: Market Size & Forecast

17.3.3 UK: Market Size & Forecast

17.3.4 Spain: Market Size & Forecast

17.3.5 Italy: Market Size & Forecast

18 APAC

18.1 Market Overview

18.2 Market Size & Forecast

18.3 Key Countries

18.3.1 Japan: Market Size & Forecast

18.3.2 China: Market Size & Forecast

18.3.3 South Korea: Market Size & Forecast

18.3.4 Australia: Market Size & Forecast

18.3.5 India: Market Size & Forecast

19 LATIN AMERICA

19.1 Market Overview

19.2 Market Size & Forecast

19.3 Key Countries

19.3.1 Brazil: Market Size & Forecast

19.3.2 Mexico: Market Size & Forecast

20 MIDDLE EAST & AFRICA

20.1 Market Overview

20.2 Market Size & Forecast

20.3 Key Countries

20.3.1 Turkey: Market Size & Forecast

20.3.2 Saudi Arabia: Market Size & Forecast

20.3.3 UAE: Market Size & Forecast

20.3.4 South Africa: Market Size & Forecast

21 COMPETITIVE LANDSCAPE

21.1 Competition Overview

21.2 Market Share Analysis

21.2.1 Gilead Sciences

21.2.2 Spark Therapeutics

21.2.3 Novartis

21.2.4 Amgen

21.2.5 Osiris Therapeutics

21.2.6 Dendron

21.2.7 Organogenesis

21.2.8 Vericel

22 KEY COMPANY PROFILES

22.1 Gilead Sciences

22.1.1 Business Overview

22.1.2 Product Offerings

22.1.3 Key Strategies

22.1.4 Key Strengths

22.1.5 Key Opportunities

22.2 Spark Therapeutics

22.2.1 Business Overview

22.2.2 Product Offerings

22.2.3 Key Strategies

- 22.2.4 Key Strengths
- 22.2.5 Key Opportunities
- 22.3 Novartis
 - 22.3.1 Business Overview
 - 22.3.2 Product Offerings
 - 22.3.3 Key Strategies
 - 22.3.4 Key Strengths
 - 22.3.5 Key Opportunities
- 22.4 Organogenesis
 - 22.4.1 Business Overview
 - 22.4.2 Product Offerings
 - 22.4.3 Key Strategies
 - 22.4.4 Key Strengths
 - 22.4.5 Key Opportunities
- 22.5 AMGEN
 - 22.5.1 Business Overview
 - 22.5.2 Product Offerings
 - 22.5.3 Key Strategies
 - 22.5.4 Key Strengths
 - 22.5.5 Key Opportunities
- 22.6 Osiris Therapeutics
 - 22.6.1 Business Overview
 - 22.6.2 Product Offerings
 - 22.6.3 Key Strategies
 - 22.6.4 Key Strengths
 - 22.6.5 Key Opportunities
- 22.7 Dendreon
 - 22.7.1 Business Overview
 - 22.7.2 Product Offerings
 - 22.7.3 Key Strategies
 - 22.7.4 Key Strengths
 - 22.7.5 Key Opportunities
- 22.8 Vericel
 - 22.8.1 Business Overview
 - 22.8.2 Product Offerings
 - 22.8.3 Key Strategies
 - 22.8.4 Key Strengths
 - 22.8.5 Key Opportunities

23 OTHER PROMINENT VENDORS

23.1 Anterogen

23.1.1 Business Overview

23.1.2 Product Offerings

23.2 Tego Sciences

23.2.1 Business Overview

23.2.2 Product Offerings

23.3 Japan Tissue Engineering (J-TEC)

23.3.1 Business Overview

23.3.2 Product Offerings

23.4 JCR Pharmaceuticals

23.4.1 Business Overview

23.4.2 Product Offerings

23.5 Medipost

23.5.1 Business Overview

23.5.2 Product Offerings

23.6 Molmed

23.6.1 Business Overview

23.6.2 Product Offerings

23.7 Avita Medical

23.7.1 Business Overview

23.7.2 Product Offerings

23.8 Collplant

23.8.1 Business Overview

23.8.2 Product Offerings

23.9 Biosolution

23.9.1 Business Overview

23.9.2 Product Offerings

23.10 Stempeutics Research

23.10.1 Business Overview

23.10.2 Product Offerings

23.11 Kolon Tissue Gene

23.11.1 Business Overview

23.11.2 Product Offerings

23.12 Orchard Therapeutics

23.12.1 Business Overview

23.12.2 Product Offerings

23.13 Sibiono Genetech

- 23.13.1 Business Overview
- 23.13.2 Product Offerings
- 23.14 Nuvasive
 - 23.14.1 Business Overview
- 23.15 Corestem
 - 23.15.1 Business Overview
- 23.16 Pharmicell
 - 23.16.1 Business Overview
- 23.17 Shanghai Sunway Biotech
 - 23.17.1 Business Overview
 - 23.17.2 Product Offerings
- 23.18 RMS Regenerative Medical System
 - 23.18.1 Business Overview
 - 23.18.2 Product Offerings
- 23.19 Takeda Pharmaceutical Company
 - 23.19.1 Business Overview
 - 23.19.2 Product Offerings
- 23.20 Chiesi Farmaceutici
 - 23.20.1 Business Overview
 - 23.20.2 Product Offerings
- 23.21 CO.DON
 - 23.21.1 Business Overview
 - 23.21.2 Product Offerings
- 23.22 ANGES
 - 23.22.1 Business Overview
 - 23.22.2 Product Offerings
- 23.23 GC PHARMA
 - 23.23.1 Business Overview
 - 23.23.2 Product Offerings
- 23.24 Human Stem Cell Institute
 - 23.24.1 Business Overview
- 23.25 JW CREAGENE
 - 23.25.1 Business Overview
 - 23.25.2 Product Offerings
- 23.26 APAC BIOTECH
 - 23.26.1 Business Overview
 - 23.26.2 Product Offerings
- 23.27 NIPRO
 - 23.27.1 Business Overview

23.27.2 Product Offerings

23.28 TERUMO

23.28.1 Business Overview

23.28.2 Product Offerings

23.29 ORTHOCELL

23.29.1 Business Overview

23.29.2 Product Offerings

23.30 BLUEBIRD BIO

23.30.1 Business Overview

23.30.2 Product Offerings

24 REPORT SUMMARY

24.1 Key Takeaways

24.2 Strategic Recommendations

25 QUANTITATIVE SUMMARY

25.1 Market by Geography

25.2 Market by Therapy

25.3 Market by Applications

25.4 Market by End-users

26 APPENDIX

26.1 Abbreviations

List Of Exhibits

LIST OF EXHIBITS

- Exhibit 1 Segmentation of Global Cell & Gene Therapy Market
- Exhibit 2 Market Size Calculation Approach 2019
- Exhibit 3 Regenerative Medicine Total Global Financings 2015-2019 (\$ billion)
- Exhibit 4 Impact of Increase in Strategic Acquisitions
- Exhibit 5 Total Regenerative Medicine M&A Transactions 2016–2018 (\$ billion)
- Exhibit 6 Recent Strategic Acquisitions in Global Cell & Gene Therapy Market
- Exhibit 7 Impact of Robust Cell & Gene Therapy Pipeline
- Exhibit 8 Impact of Increased Funding for Cell & Gene Therapy Products
- Exhibit 9 Global Funding for Cell & Gene Therapy Products 2017-2019 (\$ billion)
- Exhibit 10 Companies Involved in Regenerative Medicine R&D Activities 2017 & 2018
- Exhibit 11 Impact of Expanding Applications for Cell & Gene Therapies
- Exhibit 12 Impact of Increasing Pool of Target Population
- Exhibit 13 Elderly Population in Selected Countries (2018)
- Exhibit 14 Impact of Product Launches & Approvals
- Exhibit 15 Impact of Regulatory Support & Special Designation for Cell & Gene Therapy Products
- Exhibit 16 Impact of Growing Demand for CAR T-Cell Therapies
- Exhibit 17 Yescarta & Kymriah Revenues 2019
- Exhibit 18 Comparison of Yescarta & Kymriah Revenues 2018 vs 2019
- Exhibit 19 Number of CAR T Cell Therapies in Clinical Trials January 2018
- Exhibit 20 Major Vendors Engaged in Development of CAR T-Cell Therapies
- Exhibit 21 Impact of High Cost of Cell & Gene Therapy
- Exhibit 22 Cost of Select Marketed Cell & Gene Therapy Products (Lakhs)
- Exhibit 23 Impact of Limitations of Gene Therapy Products
- Exhibit 24 Impact of Availability of Alternative Treatments & Withdrawal of Products
- Exhibit 25 Impact of Manufacturing & Operational Challenges with Cell & Gene Therapy Products
- Exhibit 26 Challenges Associated with Cell & Gene Therapies for Vendors
- Exhibit 27 Impact of Low Product Penetration in LMICs
- Exhibit 28 Global Cell & Gene Therapy Market 2019–2025 (\$ million)
- Exhibit 29 Global Cell & Gene Therapy Market by Product: 2019 & 2025 percentage share comparison
- Exhibit 30 Global Cell & Gene Therapy Market by Application: 2019 & 2025 percentage share comparison
- Exhibit 31 Global Cell & Gene Therapy Market by End-users: 2019 & 2025 percentage

share comparison

Exhibit 32 Global Cell & Gene Therapy Market by Geography: 2019 & 2025 percentage share comparison

Exhibit 33 Five Forces Analysis 2019

Exhibit 34 Incremental Growth by Product 2019 & 2025

Exhibit 35 Global Cell & Gene Therapy Market Segmentation by Product

Exhibit 36 Global Cell & Gene Therapy Market by Therapy: Incremental Growth

Exhibit 37 Global Cell & Gene Therapy Market by Therapy: Absolute Growth

Exhibit 38 Global Cell & Gene Therapy Market by Cell Therapy: Incremental Growth & Absolute Growth Comparison

Exhibit 39 Global Cell Therapy Market 2019–2025 (\$ million)

Exhibit 40 Global Cell & Gene Therapy Market by Gene Therapy: Incremental Growth & Absolute Growth Comparison

Exhibit 41 Global Gene Therapy Market 2019–2025 (\$ million)

Exhibit 42 Incremental Growth by Application 2019 & 2025

Exhibit 43 Global Cell & Gene Therapy Market by Application 2019

Exhibit 44 Global Cell & Gene Therapy Market by Application: Incremental Growth

Exhibit 45 Global Cell & Gene Therapy Market by Application: Absolute Growth

Exhibit 46 Global Incidence & Mortality of Most Common Cancer Cases (2018)

Exhibit 47 Major Cell & Gene Therapy Products Available for Cancer

Exhibit 48 Global Cell & Gene Therapy Market by Oncology: Incremental Growth & Absolute Growth Comparison

Exhibit 49 Global Oncology Cell & Gene Therapy Market 2019–2025 (\$ million)

Exhibit 50 Distribution of Wound Types

Exhibit 51 Global Cell & Gene Therapy Market by Dermatology: Incremental Growth & Absolute Growth Comparison

Exhibit 52 Global Dermatology Cell & Gene Therapy Market 2019–2025 (\$ million)

Exhibit 53 Global Cell & Gene Therapy Market by Musculoskeletal Disorders: Incremental Growth & Absolute Growth Comparison

Exhibit 54 Global Musculoskeletal Cell & Gene Therapy Market 2019–2025 (\$ million)

Exhibit 55 Zolgensma, Luxturna, and Strimvelis Revenue 2019 (\$ million)

Exhibit 56 Global Cell & Gene Therapy Market by Genetic Disorders: Incremental Growth & Absolute Growth Comparison

Exhibit 57 Global Genetic Disorders Cell & Gene Therapy Market 2019–2025 (\$ million)

Exhibit 58 Global Cell & Gene Therapy Market by Others: Incremental Growth & Absolute Growth Comparison

Exhibit 59 Global Other Cell & Gene Therapy Market 2019–2025 (\$ million)

Exhibit 60 Incremental Growth by End-User 2019 & 2025

Exhibit 61 Global Cell & Gene Therapy Market by End-Users

- Exhibit 62 Global Cell & Gene Therapy Market by End-Users: Incremental Growth
- Exhibit 63 Global Cell & Gene Therapy Market by End-Users: Absolute Growth
- Exhibit 64 Global Cell & Gene Therapy Market by Hospitals: Incremental Growth & Absolute Growth Comparison
- Exhibit 65 Global Hospitals Cell & Gene Therapy Market 2019–2025 (\$ million)
- Exhibit 66 Global Cell & Gene Therapy Market by Wound Care Centers: Incremental Growth & Absolute Growth Comparison
- Exhibit 67 Global Wound Care Center Cell & Gene Therapy Market 2019–2025 (\$ million)
- Exhibit 68 Global Cell & Gene Therapy Market by Cancer Care Centers: Incremental Growth & Absolute Growth Comparison
- Exhibit 69 Global Cancer Care Center Cell & Gene Therapy Market 2019–2025 (\$ million)
- Exhibit 70 Global Cell & Gene Therapy Market by ASCs: Incremental Growth & Absolute Growth Comparison
- Exhibit 71 Global ASC Cell & Gene Therapy Market 2019–2025 (\$ million)
- Exhibit 72 Global Cell & Gene Therapy Market by Other End-Users: Incremental Growth & Absolute Growth Comparison
- Exhibit 73 Global Other End-Users Cell & Gene Therapy Market 2019–2025 (\$ million)
- Exhibit 74 Incremental Growth by Geography 2019 & 2025
- Exhibit 75 Global Cell & Gene Therapy Market by Geography
- Exhibit 76 Global Cell & Gene Therapy Market by Geography: Incremental Growth
- Exhibit 77 Global Cell & Gene Therapy Market by Geography: Absolute Growth
- Exhibit 78 Cell & Gene Therapy Market in North America: Key Countries (\$ Million)
- Exhibit 79 Cell & Gene Therapy Market in North America: Incremental Growth & Absolute Growth Comparison
- Exhibit 80 Cell & Gene Therapy Market in North America 2019–2025 (\$ million)
- Exhibit 81 Incremental Growth in North America 2019 & 2025
- Exhibit 82 Cell & Gene Therapy Market in US 2019–2025 (\$ million)
- Exhibit 83 Yescarta Revenue in US 2018 & 2019 (\$ million)
- Exhibit 84 Cell & Gene Therapy Market in Canada 2019–2025 (\$ million)
- Exhibit 85 Development & Commercialization of Cell & Gene Therapy Products in Europe
- Exhibit 86 Cell & Gene Therapy Market in Europe: Key Countries (\$ Million)
- Exhibit 87 Cell & Gene Therapy Market in Europe: Incremental Growth & Absolute Growth Comparison
- Exhibit 88 Cell & Gene Therapy Market in Europe 2019–2025 (\$ million)
- Exhibit 89 Incremental Growth in Europe 2019 & 2025
- Exhibit 90 Cell & Gene Therapy Market in Germany 2019–2025 (\$ million)

- Exhibit 91 Cell & Gene Therapy Market in France 2019–2025 (\$ million)
- Exhibit 92 Cell & Gene Therapy Market in UK 2019–2025 (\$ million)
- Exhibit 93 Cell & Gene Therapy Market in Spain 2019–2025 (\$ million)
- Exhibit 94 Cell & Gene Therapy Market in Italy 2019–2025 (\$ million)
- Exhibit 95 Cell & Gene Therapy Market in APAC: Key Countries (\$ Million)
- Exhibit 96 Cell & Gene Therapy Market in APAC: Incremental Growth & Absolute Growth Comparison
- Exhibit 97 Cell & Gene Therapy Market in APAC 2019–2025 (\$ million)
- Exhibit 98 Incremental Growth in APAC 2019 & 2025
- Exhibit 99 Cell & Gene Therapy Market in Japan 2019–2025 (\$ million)
- Exhibit 100 Cell & Gene Therapy Market in China 2019–2025 (\$ million)
- Exhibit 101 Cell & Gene Therapy Market in South Korea 2019–2025 (\$ million)
- Exhibit 102 Cell & Gene Therapy Market in Australia 2019–2025 (\$ million)
- Exhibit 103 Cell & Gene Therapy Market in India 2019–2025 (\$ million)
- Exhibit 104 Cell & Gene Therapy Market in Latin America: Incremental Growth & Absolute Growth Comparison
- Exhibit 105 Cell & Gene Therapy Market in Latin America: Key Countries (\$ million)
- Exhibit 106 Cell & Gene Therapy Market in Latin America 2019–2025 (\$ million)
- Exhibit 107 Incremental Growth in Latin America 2019 & 2025
- Exhibit 108 Cell & Gene Therapy Market in Brazil 2019–2025 (\$ million)
- Exhibit 109 Cell & Gene Therapy Market in Mexico 2019–2025 (\$ million)
- Exhibit 110 Cell & Gene Therapy Market in MEA: Key Countries (\$ million)
- Exhibit 111 Cell & Gene Therapy Market in MEA: Incremental Growth & Absolute Growth Comparison
- Exhibit 112 Cell & Gene Therapy Market in MEA 2019–2025 (\$ million)
- Exhibit 113 Incremental Growth in MEA 2019 & 2025
- Exhibit 114 Cell & Gene Therapy Market in Turkey 2019–2025 (\$ million)
- Exhibit 115 Cell & Gene Therapy Market in Saudi Arabia 2019–2025 (\$ million)
- Exhibit 116 Cell & Gene Therapy Market in UAE 2019–2025 (\$ million)
- Exhibit 117 Cell & Gene Therapy Market in South Africa 2019–2025 (\$ million)
- Exhibit 118 Global Cell and Gene Therapy Market: Vendors Ranking 2019
- Exhibit 119 Global Gene Therapy Market: Vendors Ranking 2019
- Exhibit 120 Global Cell Therapy Market: Vendors Ranking 2019
- Exhibit 121 Yescarta Revenue 2017-2019 (\$ million)
- Exhibit 122 Novartis Kymriah & Zolgensma Revenue 2019 (\$ million)
- Exhibit 123 Osiris Therapeutics Grafix & BIO4 2018 & 2019 Revenue Comparison
- Exhibit 124 Gilead Sciences Revenue 2017–2019 (\$ billion)
- Exhibit 125 Gilead Sciences Research & Development Expenses 2017–2019 (\$ billion)
- Exhibit 126 LUXTURNA Revenue 2018 (\$ million)

Exhibit 127 Spark Therapeutics Research & Development Expenses 2017–2019 (\$ million)

Exhibit 128 Novartis Revenue 2017–2019 (\$ billion)

Exhibit 129 Novartis Segment Revenue 2019 (\$ billion)

Exhibit 130 Regional Revenue Breakup – 2019 (\$ million)

Exhibit 131 Organogenesis Revenue 2018–2019 (\$ billion)

Exhibit 132 Organogenesis R&D Expenditure 2018–2019 (\$ billion)

Exhibit 133 Amgen Revenue 2017–2019 (\$ billion)

Exhibit 134 Amgen Research & Development Expenses 2017–2019 (\$ billion)

Exhibit 135 Osiris Therapeutics Revenue 2017–2019 (\$ billion)

Exhibit 136 Vericel Revenue 2017–2019 (\$ million)

Exhibit 137 Vericel R&D Expenditure 2017–2019 (\$ Thousands)

List Of Tables

LIST OF TABLES

Table 1 Key Caveats

Table 2 Currency Conversion 2013?2019

Table 3 Gene Therapies in Significant Stages of Clinical Pipeline

Table 4 Cell & Gene Therapy Products with Expanding Applications

Table 5 Product Approvals & Launch Details

Table 6 List of Products Received RMAT Designation in 2019

Table 7 List of Products Received PRIME Designation in 2019

Table 8 CAR T-Cell Investigational Products

Table 9 Cost of Kymriah in Different Regions

Table 10 Top Cancer Care Centers Across the Globe

Table 11 Major Cell & Gene Therapy Products Approved Recently in Europe

Table 12 Gilead Sciences: Major Product Offerings

Table 13 Spark Therapeutics: Major Product Offerings

Table 14 Novartis: Major Product Offerings

Table 15 Organogenesis: Major Product Offerings

Table 16 Amgen: Major Product Offerings

Table 17 Osiris Therapeutics: Major Product Offerings

Table 18 Dendreon: Major Product Offerings

Table 19 Vericel: Major Product Offerings

Table 20 Anterogen: Major Product Offerings

Table 21 Tego Sciences: Major Product Offerings

Table 22 JAPAN TISSUE ENGINEERING (J-TEC): Major Product Offerings

Table 23 JCR Pharmaceuticals: Major Product Offerings

Table 24 Medipost: Major Product Offerings

Table 25 MolMed: Major Product Offerings

Table 26 Avita Medical: Major Product Offerings

Table 27 Collplant: Major Product Offerings

Table 28 Biosolution: Major Product Offerings

Table 29 Stempeutics Research: Major Product Offerings

Table 30 Kolon Tissue Gene: Major Product Offerings

Table 31 Orchard Therapeutics: Major Product Offerings

Table 32 Sibiono GeneTech: Major Product Offerings

Table 33 Shanghai Sunway Biotech: Major Product Offerings

Table 34 RMS Regenerative Medical System: Major Product Offerings

Table 35 Takeda Pharmaceutical Company: Major Product Offerings

Table 36 CHIESI Farmaceutici: Major Product Offerings
Table 37 CO.DON: Major Product Offerings
Table 38 AnGes: Major Product Offerings
Table 39 GC Pharma: Major Product Offerings
Table 40 JW CreaGene: Major Product Offerings
Table 41 APAC Biotech: Major Product Offerings
Table 42 NIPRO: Major Product Offerings
Table 43 Terumo: Major Product Offerings
Table 44 Orthocell: Major Product Offerings
Table 45 Bluebird bio: Major Product Offerings
Table 46 Global Cell & Gene Therapy Market by Geography 2019?2025 (\$ million)
Table 47 Global Cell & Gene Therapy Market by Geography 2019?2025 (%)
Table 48 Global Cell & Gene Therapy Market by Therapy 2019?2025 (\$ million)
Table 49 Global Cell & Gene Therapy Market by Therapy 2019?2025 (%)
Table 50 Global Cell & Gene Therapy Market by Applications 2019?2025 (\$ million)
Table 51 Global Cell & Gene Therapy Market by Applications 2019?2025 (%)
Table 52 Global Cell & Gene Therapy Market by End-Users 2019?2025 (\$ million)
Table 53 Global Cell & Gene Therapy Market by End-Users 2019?2025 (%)

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