

## **Global Cell and Gene Therapy Market**

Market Research Report | 2024-03-21 | 145 pages | BCC Research

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### **Report description:**

Description

Report Scope:

The scope of this study encompasses an investigation of the cell and gene therapy market. BCC Research analyzes cell and gene therapy market based on therapy type, product, application, and region. BCC determines the current market status in each segment, examines its impact on future needs, and presents growth forecasts over the next five years. The report provides a detailed analysis of the market's drivers, challenges, and opportunities. The report also covers market projections for 2028 and market shares for key market players. The report includes the company profiles of the key players with detailed information about their business segments, financials, product portfolios, and recent developments. The report also provides information on the emerging technologies, and new developments, ESG development and investment outlook.

Report Includes:

- 55 data tables and 26 additional tables
- An overview of the global market for cell and gene therapy
- Analysis of global market trends, featuring historical revenue data for 2020, 2021, and 2022, estimated figures for 2023, forecasts for 2028, and projections of compound annual growth rates (CAGRs) through 2028
- Evaluation of the current market's size and revenue growth prospects specific to cell and gene therapy, along with a market share analysis by therapy type, product, application, and geographic region
- An update on recent advances in vector biology, drug delivery technology and gene editing technologies such as CRISPR
- Coverage of novel therapeutic products and promising new technologies still in the development and testing stage, with as assessment of the probability that they will be commercialized successfully in the next five years
- Discussion on recent approvals, developments, emerging technologies, ESG, and an investment outlook

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- Profiles of leading market participants, including Mallinckrodt PLC, Vericel Corp., Gilead Sciences Inc., Pharmicell Co. Ltd., and Bristol-Myers Squibb Co.

## Executive Summary

### Summary:

The total global market for cell and gene therapy was valued at \$5.8 billion in 2022 and this market is anticipated to reach \$23.3 billion by 2028.

The global cell and gene therapy market is anticipated to grow at a CAGR of 26.4% during the forecast period of 2023-2028. The increasing focus on developing advanced therapies for different therapeutic areas, and growing prevalence of chronic conditions such as cancer and rare diseases, are responsible for market growth.

The market has witnessed approval of therapies in 2022 and 2023. Treatments approved in 2022 include Adstiladrin from Ferring Pharmaceuticals, Hemgenix from CSL Behring and UniQure, Roctavian from Biomarin Pharmaceuticals, Elevidys from Sarepta and Roche, and Upstaza from PTC Therapeutics. Vyjuvek from Krystal Biotech and Lyfgenia from Bluebird Bio were approved in 2023. There are more companies which have submitted biologics license applications for their cell and gene therapy products and the approvals are expected in 2024, thus contributing to the growth of the market.

Products such as Kresladi from Rocket Pharmaceuticals and Fidanacogene elaparovvec from Pfizer have submitted the biologics license application (BLA) and are likely to get approval in March and April 2024.

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BRISTOL-MYERS SQUIBB CO.  
DENDREON PHARMACEUTICALS LLC  
FERRING PHARMACEUTICALS  
GILEAD SCIENCES INC.  
IOVANCE BIOTHERAPEUTICS INC.  
JOHNSON & JOHNSON SERVICES INC.  
KRYSTAL BIOTECH INC.  
MALLINCKRODT PLC  
NOVARTIS AG  
ORCHARD THERAPEUTICS PLC.  
PHARMICELL CO. LTD.  
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