

2024 Cell and Gene: Research Review

Market Research Report | 2025-04-21 | 388 pages | BCC Research

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Report description:

Description

Research Review Scope:

Cell and gene therapy is a vast industry that uses cells and genes in research, development, manufacture, and distribution to treat diseases. Cells and genes can be utilized in preclinical studies, clinical trials, the production of therapies, viral vectors, modified cells, and personalized medicine.

One of the major factors in this market's growth is the increasing investment and funding. The rapid growth in research and development of new cell and gene therapies, along with a new level of innovation, also fuels the growth of this market. However, the high cost of developing these therapies restrains the market's growth.

Research Reviews from BCC Research provide market professionals with concise market coverage within a specific research category. This 2024 Research Review of Cell and Gene Therapy provides a sampling of the type of quantitative market information, analysis, and guidance that BCC Research has been developing since its inception in 1971 to help its customers make informed business decisions.

This Research Review includes highlights and excerpts from the following reports published by BCC Research in 2024:

- BIO208C Cell and Gene Therapy Tools, and Reagents: Global Markets.
- BIO211B Cell Therapy Biomanufacturing: Global Markets.
- BIO251A Gene Synthesis: Technologies and Global Markets.
- BIO258A Global Automated and Closed Cell Therapy Market.
- BIO225B Global Market for Cell and Gene Therapy.

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- BIO256A Global Live Cell Imaging Market.
- BIO257A Global Single-cell Technologies Market.

After you survey the excerpts in this Research Review, we encourage you to follow up on these topics by checking out the full market research reports associated with each topic. BCC Research looks forward to serving your market intelligence needs in the future.

Executive Summary

Summary:

- The global market for Cell and Gene Therapy (CGT) Tools and Reagents is estimated to increase from \$10.0 billion in 2024 to reach \$16.7 billion by 2029, at a compound annual growth rate (CAGR) of 10.8% from 2024 through 2029.
- The global market for cell therapy biomanufacturing is expected to grow from \$9.7 billion in 2024 and is projected to reach \$16.7 billion by the end of 2029, at a CAGR of 11.5% during the forecast period of 2024 to 2029.
- The global market for Gene Synthesis is estimated to increase from \$2.0 billion in 2023 to reach \$4.1 billion by 2028, at a CAGR of 15.8% from 2023 through 2028.

Cell and gene therapy is a vast industry that uses cells and genes in research, development, manufacture, and distribution to treat diseases. Cells and genes can be utilized in preclinical studies, clinical trials, the production of therapies, viral vectors, modified cells, and personalized medicine. One of the major factors in this market's growth is the increasing investment and funding. The rapid growth in research and development of new cell and gene therapies, along with a new level of innovation, also fuels the growth of this market. However, the high cost of developing these therapies restrains the market's growth.

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Europe

Asia-Pacific

Rest of the World

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