

# **T-cell Therapy Market Size, Trends, Analysis, and Outlook By Therapy (CAR T-cell Therapy, T Cell Receptor (TCR)-based, Tumor Infiltrating Lymphocytes (TIL)-based), By Process (Hematologic Malignancies, Solid Tumors, Others), by Region, Country, Segment, and Companies, 2024-2030**

<https://marketpublishers.com/r/T64736CB128DEN.html>

Date: March 2024

Pages: 190

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

ID: T64736CB128DEN

## **Abstracts**

The global T-cell Therapy market size is poised to register 34.44% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global T-cell Therapy market across By Therapy (CAR T-cell Therapy, T Cell Receptor (TCR)-based, Tumor Infiltrating Lymphocytes (TIL)-based), By Process (Hematologic Malignancies, Solid Tumors, Others).

The T-cell Therapy Market is witnessing remarkable growth fueled by breakthroughs in immunotherapy and the successful application of T-cell-based therapies in treating various cancers and autoimmune diseases. Key trends shaping its future include the expansion of T-cell therapy applications beyond oncology to include infectious diseases and autoimmune disorders, advancements in gene editing technologies to enhance T-cell therapy efficacy and safety, and the increasing investment in infrastructure and manufacturing capabilities to meet growing demand. Moreover, factors such as the robust pipeline of T-cell therapies and the rising adoption of personalized medicine approaches are expected to drive market growth in 2024 and beyond.

T-cell 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 T-cell Therapy market research analyses the

global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of T-cell 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 T-cell Therapy industry.

### Key market trends defining the global T-cell 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.

### T-cell Therapy Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The T-cell 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 T-cell Therapy companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the T-cell Therapy industry

Leading T-cell 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 T-cell Therapy companies.

### T-cell Therapy Market Study- Strategic Analysis Review

The T-cell 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.

## T-cell Therapy Market Size Outlook- Historic and Forecast Revenue in Three Cases

The T-cell 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.

## T-cell 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 T-cell 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 T-cell Therapy market segments. Similarly, Strong end-user demand is encouraging Canadian T-cell Therapy companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico T-cell Therapy market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe T-cell 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 T-cell 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 T-cell 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 T-cell 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 T-cell Therapy in Asia Pacific. In particular, China, India, and South East Asian T-cell 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 T-cell 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 T-cell 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 T-cell Therapy market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for T-cell Therapy.

### T-cell Therapy Market Company Profiles

The global T-cell 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 Amgen, Bluebird Bio Inc, Celgene Corp, Fate Therapeutics, Gilead Sciences Inc, Merck KGaA, Novartis AG, Pfizer Inc, Sorrento Therapeutics, TCR2 Therapeutics Inc

### Recent T-cell Therapy Market Developments

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

### T-cell 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 Therapy

CAR T-cell Therapy

T Cell Receptor (TCR)-based

Tumor Infiltrating Lymphocytes (TIL)-based

By Process Step

Hematologic Malignancies

-Lymphoma

-Leukemia

-Myeloma

Solid Tumors

-Melanoma

-Brain & Central Nervous System

-Liver Cancer

-Others

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Amgen

Bluebird Bio Inc

Celgene Corp

Fate Therapeutics

Gilead Sciences Inc

Merck KGaA

Novartis AG

Pfizer Inc

Sorrento Therapeutics

TCR2 Therapeutics Inc

Formats Available: Excel, PDF, and PPT

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## By Process Step

### Hematologic Malignancies

-Lymphoma

-Leukemia

-Myeloma

### Solid Tumors

-Melanoma

-Brain & Central Nervous System

-Liver Cancer

-Others

### Others

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Bluebird Bio Inc

Celgene Corp

Fate Therapeutics

Gilead Sciences Inc

Merck KGaA

Novartis AG

Pfizer Inc

Sorrento Therapeutics

TCR2 Therapeutics Inc

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