

Current Research & Development Status of Chimeric Antigen Receptor (CAR) T-Cell Therapy

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Abstracts

Report Scope:

The key objectives of this study are to -

Review the historical development of CAR T-cell technology.

Discuss the principles of chimeric antigen receptor design.

Understand the mechanisms of action associated with CAR T-cell immunotherapy.

Highlight the ongoing clinical and non-clinical advancements in the field of CAR T-cell therapy.

Access the side effects, disadvantages and limitations of existing CAR T-cell technologies.

Examine the current marketed drugs, including development activities and details of patent expirations.

Determine the production methods for CAR T-cells.

Review the range of joint ventures, collaborations, license and research agreements currently focused on CAR T-cell technology.

Review of the regulatory requirements.

Review the global CAR T-cell therapy market dynamics.

Survey the key players involved in the development of therapeutics for CAR T-cell immunotherapy and provide company profiles.

By purchasing this study, the reader will gain -

An improved understanding of the current state and future of this exciting, new and innovative technology.

The latest information on the leading companies engaged in developing this technology, clinical trials being conducted, a review of the status of their intellectual property, product pipelines and insight into their proprietary technologies.

The role and influence of individual countries relating to the development of CAR T-cell therapy and the number of CAR T-cell trials in the U.S. versus China and other countries.

Knowledge of the market potential for the CAR T-cell therapy market and anticipated development of the market.

The analysis includes the use of charts and graphs measuring product growth and trends within the marketplace. In addition, an analysis of the incidence and mortality associated with cancers and the target market helps provide the reader with a deeper understanding of the possibilities for future treatment and avenues for possible R&D budgets. Company-specific information, including sales figures, product pipeline status and R&D trends, is provided throughout the report.

Report Includes:

37 data tables and 55 additional tables

An updated review of the global market for chimeric antigen receptor (CAR) T-cell therapy with emphasis on the current research and development status

Analyses of the global market trends, with historic data from 2018-2020, estimates for 2021 and 2022, and projections of compound annual growth rates (CAGRs) through 2026

Evaluation and forecast the overall CAR T-Cell therapy market size in dollar value terms, and corresponding market share analysis by product, application, technology and region

Highlights of the market potential for the CAR T-cell therapy market, opportunities and trends estimating current and future demand, and impact of COVID-19 on the progress of this market

Assessment of current marketed drugs, including development activities, R&D activities and anticipated developments, along with a look into the patent expirations within the industry

Latest information on the major stakeholders of global CAR T-Cell therapy market, along with a review of their intellectual property status, product innovations, technological advancements, and research collaborations and business consolidations

Insight into the current competitive environment, recent mergers and acquisitions, license agreements, and company revenue share analysis of the key players involved in the development of therapeutics for CAR T-cell therapy

Descriptive company profiles of the leading industry players, including AstraZeneca, Bristol Myers Squibb, Gilead Sciences, Novartis AG, F. Hoffmann-La Roche and Takeda Pharmaceutical Co., Ltd.

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