

T-Cell Acute Lymphoblastic Leukemia - Pipeline Insight, 2021

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Abstracts

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DelveInsight's, "T-Cell Acute Lymphoblastic Leukemia – Pipeline Insight, 2021," report provides comprehensive insights about 12+ companies and 12+ pipeline drugs in T-Cell Acute Lymphoblastic Leukemia pipeline landscape. It covers the pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

Geography Covered

Global coverage

T-Cell Acute Lymphoblastic Leukemia Understanding

T-Cell Acute Lymphoblastic Leukemia: Overview

T-cell acute lymphoblastic leukaemia (T-ALL) is a type of acute leukaemia meaning that it is aggressive and progresses quickly. It affects the lymphoid-cell-producing stem cells, in particular a type of white blood cell called T lymphocytes as opposed to acute lymphoblastic leukaemia (ALL) which commonly affects B lymphocytes. T-cell acute lymphoblastic leukemia (T-ALL) represents approximately 12% to 15% of all newly diagnosed ALL cases in pediatric patients and is noteworthy for its unique clinical and biological features. There are no specific signs or symptoms which would allow a diagnosis of T-ALL to be made. The most common signs and symptoms are caused by

the bone marrow being unable to produce enough normal blood cells. Most T-ALL disease recurrences occur within 2 years of diagnosis, and relapsed disease remains very difficult to salvage, with survival rates lower than 25%. Patients with newly diagnosed T-ALL are typically treated with risk-based multiagent chemotherapy regimens for 2 to 3 years, with or without cranial radiation therapy (CRT).

'T-Cell Acute Lymphoblastic Leukemia - Pipeline Insight, 2021' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the T-Cell Acute Lymphoblastic Leukemia pipeline landscape is provided which includes the disease overview and T-Cell Acute Lymphoblastic Leukemia treatment guidelines. The assessment part of the report embraces, in depth T-Cell Acute Lymphoblastic Leukemia commercial assessment and clinical assessment of the pipeline products under development. In the report, detailed description of the drug is given which includes mechanism of action of the drug, clinical studies, NDA approvals (if any), and product development activities comprising the technology, T-Cell Acute Lymphoblastic Leukemia collaborations, licensing, mergers and acquisition, funding, designations and other product related details.

Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence T-Cell Acute Lymphoblastic Leukemia R&D. The therapies under development are focused on novel approaches to treat/improve T-Cell Acute Lymphoblastic Leukemia.

T-Cell Acute Lymphoblastic Leukemia Emerging Drugs Chapters

This segment of the T-Cell Acute Lymphoblastic Leukemia report encloses its detailed analysis of various drugs in different stages of clinical development, including phase II, I, preclinical and Discovery. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

T-Cell Acute Lymphoblastic Leukemia Emerging Drugs

Isatuximab: Sanofi

Isatuximab (formerly SAR650984) is a humanized, IgG1-derived monoclonal antibody (mAb) produced from a Chinese hamster ovary (CHO) cell line. Structurally, isatuximab is comprised of two identical immunoglobulin kappa light chains and two identical immunoglobulin gamma heavy chains. It is a cytolytic antibody targeted against CD38, a glycoprotein found on the surface of some immune cells that is highly expressed by malignant plasma cells in multiple myeloma. Along with daratumumab, another anti-CD38 mAb, isatuximab constitutes a novel treatment modality for patients with difficult-to-treat multiple myeloma. The drug is currently being evaluated in Phase II stage of development for the treatment of T-cell acute lymphoblastic leukemia.

CPX-351: Jazz Pharmaceuticals

Liposomal cytarabine-daunorubicin CPX-351 combines two chemotherapy drugs that are known to help each other work better, and may work to stop the growth of cancer cells by blocking the cells from dividing. The notable clinical efficacy of CPX-351 is achieved through maintenance of a synergistic 5:1 molar ratio of cytarabine and daunorubicin within the liposome after intravenous injection. It is being evaluated in Phase II clinical trial to treat T-cell acute lymphoblastic leukemia.

Further product details are provided in the report.....

T-Cell Acute Lymphoblastic Leukemia: Therapeutic Assessment

This segment of the report provides insights about the different T-Cell Acute Lymphoblastic Leukemia drugs segregated based on following parameters that define the scope of the report, such as:

Major Players in T-Cell Acute Lymphoblastic Leukemia

There are approx. 12+ key companies which are developing the therapies for T-Cell Acute Lymphoblastic Leukemia. The companies which have their T-Cell Acute Lymphoblastic Leukemia drug candidates in the most advanced stage, i.e. Phase II include, Sanofi.

Phases

DelveInsight's report covers around 12+ products under different phases of clinical development like

Late stage products (Phase III)

Mid-stage products (Phase II)

Early-stage product (Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

T-Cell Acute Lymphoblastic Leukemia pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Oral

Parenteral

Intravenous

Subcutaneous

Topical.

Molecule Type

Products have been categorized under various Molecule types such as

Monoclonal Antibody

Peptides

Polymer

Small molecule

Gene therapy

Product Type

Drugs have been categorized under various product types like Mono, Combination and Mono/Combination.

T-Cell Acute Lymphoblastic Leukemia: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses T-Cell Acute Lymphoblastic Leukemia therapeutic drugs key players involved in developing key drugs.

Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging T-Cell Acute Lymphoblastic Leukemia drugs.

T-Cell Acute Lymphoblastic Leukemia Report Insights

T-Cell Acute Lymphoblastic Leukemia Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

T-Cell Acute Lymphoblastic Leukemia Report Assessment

Pipeline Product Profiles

Therapeutic Assessment

Pipeline Assessment

Inactive drugs assessment

Unmet Needs

Key Questions

Current Treatment Scenario and Emerging Therapies:

How many companies are developing T-Cell Acute Lymphoblastic Leukemia drugs?

How many T-Cell Acute Lymphoblastic Leukemia drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of T-Cell Acute Lymphoblastic Leukemia?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the T-Cell Acute Lymphoblastic Leukemia therapeutics?

What are the recent trends, drug types and novel technologies developed to overcome the limitation of existing therapies?

What are the clinical studies going on for T-Cell Acute Lymphoblastic Leukemia and their status?

What are the key designations that have been granted to the emerging drugs?

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T-Cell Acute Lymphoblastic Leukemia Key Companies

T-Cell Acute Lymphoblastic Leukemia Key Products

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