

Global Combination Cancer Immunotherapy Market Opportunity & Clinical Trials Insight 2028

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Abstracts

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Global Combination Cancer Immunotherapy Market Opportunity & Clinical Trials Insight 2028 Report Highlights:

Global & Regional Combination Cancer Immunotherapy Market Insight Till 2028

Combination Cancer Immunotherapy Market Opportunity: > USD 15 Billion

Combination Cancer Immunotherapy Market By 15 Different Cancers

Insight On Clinically & Commercially Approved Cancer Immunotherapy Combinations

Patent, Price & Dosage Analysis On Approved Combination Drugs

Global & Regional Sales Insights On Approved Combination Drugs Till 2028

Insight on 600 Combination Cancer Immunotherapy Drugs In Clinical Trials

Insight on 45 Combination Cancer Immunotherapy Drugs Commercially Approved In Market

Clinical Trials & Patent Insight By Company, Country, Indication & Phase

In recent years, cancer immunotherapy has emerged as an appealing strategy by overcoming the limitations of conventional therapies. The novel therapy aims to harness the ability of immune system to recognize, target, and destroy cancer cells. Cancer immunotherapy now encompasses several therapeutic agents including monoclonal antibodies, immune checkpoint inhibitors, vaccines, antibody drug conjugates, and others. All these novel approaches have their distinct target and mechanism of action. Although immunotherapies have shown significant improvement in clinical outcome of cancer patients, these are associated with several limitations. Tumor heterogeneity and development of resistance are the major challenges to current immunotherapeutic approaches.

This has pushed the research studies to evaluate immunotherapy in combination with other cancer targeting approaches including chemotherapy, radiotherapy, targeted drugs, and other immunotherapeutic approaches. The combination therapy aims to combine two or more drugs which have synergistic mechanism of action in targeting the disease. In comparison to monotherapy, combinational therapy aims to have more enhanced and additive effect in the targeting of cancer cells. Further, it also has the potential to overcome the drug resistance and enhance the overall survival rate in cancer patients. The conferred advantages associated with combinational therapies have drawn the interest of several pharmaceutical giants to invest in this segment.

Currently, several drugs such as Opdivo, Yervoy, Bevacizumab, and others have gained approval as combinational immunotherapy for the management of cancer cells. In 2022, US FDA has granted approval to the fixed dose combination of relatlimab (LAG-3 inhibitor) plus nivolumab for the treatment of adult and pediatric patients who are 12 years of age or older and who have unresectable or metastatic melanoma. The novel combination has shown manageable safety with no new or unexpected safety signals. The combination is sold under the trade name Opdualag and is marketed by Bristol Myers Squibb.

In last few years, pharmaceutical companies have begun to embrace a more collaborative way of working to mitigate the obstacles of drug development. The manufacturers of antibody drug conjugates are increasingly collaborating or partnering with other companies to share technology, resources, product knowledge, and expand business. For instance, Gilead Sciences entered into two clinical trial collaboration and supply agreements with Merck to evaluate the combination of Trodelvy and Keytruda in first-line metastatic non-small cell lung cancer. Additionally, the companies recently established an agreement whereby Gilead will sponsor a phase-II signal seeking study evaluating combinations that include pembrolizumab in first line non-small cell lung

cancer.

Triple combinational therapy is also gaining considerable momentum in the market. However, it is mainly confined to initial stages of clinical development. For instance, Zenith Pharmaceutical in collaboration with Bristol Myers Squibb is conducting clinical trial which is evaluating triple combination of ZEN-3694 (BET inhibitor), Opdio, and Yervoy. The trial will be conducted by NCI funded investigators and will evaluate the safety and activity of this combination in patients with solid tumors that have become resistant to other therapies. Apart from this, a triple combinational therapy of PD-1/PD-L1, BRAF, and MEK inhibitor is also ongoing in multiple myeloma patients.

As per our report findings, the global combinational immunotherapy market is expected to surpass US\$ 15 Billion by 2028. This is mainly attributed to rising geriatric population and surge in prevalence of various cancers. This possesses high medical needs for the development of targeted therapies in its management. In addition, rising investments by pharmaceutical companies due to promising response of combinational immunotherapy is also driving the growth of market. The major players in the global combinational immunotherapy market include Amgen, Roche, MacroGenics, Mylan, Seagen, AstraZeneca, Gilead Sciences, GlaxoSmithKline, and others.

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