

Europe Therapeutic Vaccines Market Report (2021-2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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Abstracts

The Europe therapeutic vaccines market is projected to grow significantly, reaching approximately US\$ 14.76 billion by 2031, up from US\$ 6.39 billion in 2024, with a compound annual growth rate (CAGR) of 12.7% during the period from 2024 to 2031.

Executive Summary and Market Analysis

The therapeutic vaccines market in Europe is divided into several regions, including Germany, the UK, France, Italy, Spain, and the Rest of Europe. The growth of this market is driven by advanced healthcare systems and increased investments in research and development. Europe hosts numerous leading pharmaceutical and biotechnology companies that are dedicated to developing innovative vaccine therapies for various diseases, particularly cancer. The rising incidence of chronic diseases and the growing interest in personalized medicine are further propelling the demand for therapeutic vaccines in the region. The market is expected to continue its upward trajectory, bolstered by advancements in immunotherapy and the emergence of new vaccine technologies that present significant opportunities for growth.

Market Segmentation Analysis

The therapeutic vaccines market can be segmented based on product type, technology, and end user:

- By Product: The market includes cancer vaccines, infectious disease vaccines, and others, with cancer vaccines holding the largest market share in 2024.
- By Technology: The market is categorized into allogenic and autologous vaccines, with allogenic vaccines leading in market share in 2024.

- By End User: The end users are primarily hospitals, clinics, and others, with hospitals accounting for the largest share in 2024.

Market Outlook

Therapeutic vaccines are designed to stimulate the immune system to treat conditions such as cancer, autoimmune diseases, and chronic infections. The increasing investments in vaccine development are crucial for the growth of the therapeutic vaccines market, fostering innovation and accelerating the creation of new treatments for chronic diseases. Over the last decade, global funding for vaccine R&D has surged, with governments, private entities, and pharmaceutical companies acknowledging the critical role of therapeutic vaccines in meeting unmet medical needs. For example, GlaxoSmithKline (GSK) allocated US\$ 6.46 billion towards R&D in 2021, focusing on a pipeline that includes 43 medicines and 21 vaccines, with a significant portion targeting infectious diseases.

Moreover, there is a notable trend towards oncology-focused vaccines, with companies leveraging mRNA technology to develop therapeutic vaccines for various cancers. For instance, eTheRNA Immunotherapies received a €6.9 million grant from the European Commission to develop an innovative mRNA cancer vaccine for treating recurrent or metastatic HPV16+ cancers. Similarly, researchers at Queen's University Belfast secured funding to explore new treatments for triple-negative breast cancer, focusing on developing an mRNA vaccine that enhances the immune system's ability to target cancer cells with p53 mutations. Such funding initiatives are driving innovations in therapeutic vaccines, leading to more effective treatments for a range of diseases, including cancers and chronic infections.

Country Insights

The therapeutic vaccines market in Europe includes key countries such as Germany, Italy, France, the UK, Spain, and others, with Germany holding the largest market share in 2024. Germany boasts one of the most advanced healthcare systems globally, supported by a robust pharmaceutical and biotechnology sector that facilitates the development and commercialization of therapeutic vaccines. The country has a large patient population and a high demand for quality healthcare services. The increasing prevalence of chronic and infectious diseases, such as hepatitis B, further drives the market in Germany. For instance, in 2022, Germany reported 16,674 cases of hepatitis B.

Germany's strong research ecosystem, characterized by collaboration among academic institutions, hospitals, and biotech firms, is accelerating the development of new therapeutic vaccines. The German Cancer Research Center (DKFZ) is at the forefront of cancer immunotherapy research, contributing significantly to the country's innovation landscape. In August 2024, DKFZ researchers introduced a novel vaccine aimed at increasing HPV vaccination rates, demonstrating efficacy in protecting against various cancer-causing HPV types.

Company Profiles

Key players in the therapeutic vaccines market include CureVac SE, THERAVECTYS SA, Transgene SA, INOVIO Pharmaceuticals Inc, ISA Pharmaceuticals BV, Amgen Inc, Merck & Co Inc, Serum Institute of India Pvt. Ltd, BioNTech SE, and Dendreon. These companies are employing various strategies, including expansion, product innovation, and mergers and acquisitions, to enhance their market presence and deliver innovative products to consumers.

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the Europe Therapeutics Vaccine Market.

Highlights key business priorities in order to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the Europe Therapeutics Vaccine Market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth Europe market trends and outlook coupled with the factors driving the Europe Therapeutics vaccine Market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

Companies

Dendreon

BioNTech SE

Serum Institute of India Pvt. Ltd

Merck & Co Inc

Amgen Inc

ISA Pharmaceuticals BV

INOVIO Pharmaceuticals Inc

Transgene SA

THERAVECTYS SA

CureVac SE

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