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Vaccines Market by Technology (Live Attenuated, Toxoid, Conjugate, Inactivated & Subunit, Recombinant), Disease Indication (Pneumococcal, Influenza, HPV, Hepatitis, Rotavirus, DTP, Polio, MMR), End User (Pediatrics, Adults) & Type - Forecasts to 2021

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Abstracts

The vaccines market is expected to reach USD 48.03 billion by 2021 from USD 32.24 billion in 2016 at a CAGR of 8.3%. The global vaccines market is segmented based on technology, type, disease indication, end-users, and regions. The conjugate vaccines segment is expected to register the highest growth rate in the vaccines market, by technology, during the forecast period. The high growth in this segment is attributed to the increasing company investments in development of new vaccines.

Based on end-users, the vaccines market is segmented into paediatrics and adults. The paediatrics segment is expected to account for the largest share of the market in 2016. Increasing prevalence of diseases in children and the rising number of awareness programs to promote vaccination will drive the growth of this market.

Geographically, the vaccines market is dominated by North America, followed by Europe, Asia, and the Rest of the World (RoW). Growth in the North American segment is primarily driven by rising government funding for vaccine research in the North American countries.

The major factors contributing to the growth of the vaccines market include high prevalence of diseases, rising government and nongovernment funding for vaccine development, and increasing focus on immunization programs. Furthermore, increasing

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R&D spending and new vaccine development activities by companies is another major factor driving the growth of this market.

Apart from comprehensive geographic and product analysis and market sizing, the report also provides a competitive landscape that covers the growth strategies adopted by industry players over the last three years. In addition, the company profiles comprise the product portfolios, developments, and strategies adopted by the market players to maintain and increase their shares in the market. The above-mentioned market research data, current market size, and forecast of the future trends will help key market players and new entrants to make the necessary decisions regarding product offerings, geographic focus, change in strategic approach, and levels of output in order to remain successful in the market.

The major players in this market include Astellas Pharma Inc. (Japan), CSL Limited (Australia), Emergent BioSolutions, Inc. (U.S.), GlaxoSmithKline, plc. (U.K.), Johnson & Johnson (U.S.), MedImmune, LLC (U.S.), Merck & Co. (U.S.), Pfizer, Inc. (U.S.), Sanofi Pasteur (France), and Serum Institute of India Pvt. Ltd. (India).

Reasons to Buy the Report:

This report will enable both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help these firms garner greater market shares. Firms purchasing the report can use any one or a combination of the below-mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for strengthening their market shares.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on the product portfolios of the top players in the vaccines market. The report analyses the vaccines market by technology, type, disease indication, end-users, and regions

Product Development/Innovation: Detailed insights on the upcoming technologies, R&D activities, and new product launches in the vaccines market

Competitive Assessment: In-depth assessment of the market strategies, geographic and business segments, and product portfolios of the leading players in the vaccines market

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Market Development: Comprehensive information about emerging markets. This report analyses the market for various vaccines across geographies

Market Diversification: Exhaustive information about new vaccines, untapped geographies, recent developments, and investments in the vaccines market

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About

The global vaccine technology market is anticipated to reach around $84 billion by 2022, growing at a CAGR of 11.36%. The vaccine market is divided by technology class (Live/Attenuated, Toxoid, Conjugate, Sub-Unit, Recombinant Vector, DNA, Synthetic, and Dentritic Vaccines), types (Preventive and Therapeutic), end users (Pediatric and Adult), disease indication (Infectious Diseases, Cancer, Allergies, and Others – Diabetes, Cardiovascular Diseases), and geography (North America, Europe, Asia, and Rest of the World). Furthermore, each technology class, type, end user, and disease indication segment is broken down by geography, with exhaustive revenue analysis for the entire forecast period. Of the above mentioned disease indication segments, infectious disease vaccines are the largest revenue segment; however, cancer vaccines will be the fastest-growing segment with the highest CAGR.

The potential growth of the market is attributed towards therapeutic vaccines, allergy vaccines, and emerging-disease vaccines. Improved understanding of immunology, new technological breakthroughs in the development of a new class of vaccines, namely, recombinant vector vaccines, DNA vaccines, and dendritic vaccines coupled with excellent distribution channels are propelling the growth of this market. Furthermore, a large population base in emerging economies and a high prevalence of diseases is driving the market, which is expected to remain consistent in the coming years. Largely popular as the biological preparation exclusively for the prevention of diseases, vaccines are now emerging as therapeutic agents for improving the immune system. This is adding a new dimension to the vaccine industry, opening doors for the treatment of various ailments, especially cancer, cardiovascular disease, diabetes, and smoke cessation. These opportunities have also paved the way for the entry of new companies and for the development of newer technology platforms. Furthermore, new emerging approaches to vaccine development such as reverse vaccinology, personalized vaccinomics, and systems vaccinomics are paving the way for the development of new effective vaccines capable of addressing current and emerging infectious diseases and cancers.

North America (42%) is a significant contributor, followed by Europe (36%), due to the highly structured healthcare reimbursement policies and the high purchasing power of costly vaccines. The new markets for vaccine are expected to grow at a vigorous pace in emerging economies such as China, India, and other regions in Asia-Pacific and untapped markets in Europe due to their growing GDP, healthcare costs, and rising demand for safe and cost-effective diagnostics and therapeutics.

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The key players in this market are Novartis (Switzerland), Glaxo Smithkline (U.K.), Merck (U.S.), Sanofi (France), Pfizer (U.S.), Antigen Express, Inc. (U.S.), Aduro Biotech (U.S.), Genticel (France), Biondvax (Israel), Immune Targeting Systems (U.K.), Prokarium (U.K.), Immunobiology Ltd. (U.K.), Liquidia Technologies (U.S.), Alphavax (U.S.), and Bavarian Nordic (Denmark).

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