Emerging Cancer Vaccines: Forecasts, Developments and Pipeline Analysis, 4th Edition

Description: Kalorama has been researching and examining the development of cancer vaccines for seven years. In April 2010, the cancer vaccine market experienced one of the biggest achievements in the therapeutic vaccine treatment of cancer—the approval of the prostate cancer vaccine PROVENGE (TM). This, in addition to the success of cervical cancer vaccine products, has created a viable market for what was merely a speculative area just one decade ago.

Even with achievements for some companies, numerous vaccines with apparently strong prospects have been hit by developmental delays and failures. These include CancerVax’s Canvaxin, Aphton’s Insegia, Progenics’ GMK vaccine, and Biomira’s Theratope. Despite setbacks many developers are hopeful of a turnaround. With a couple prophylactic vaccines for cervical cancer on the market, a few select therapeutic vaccine approvals and several therapeutic vaccines on a promising path to commercialization, the market could see a surge of regulatory activity and an influx of market opportunities.

This Kalorama Information report - Emerging Cancer Vaccines: Forecasts, Developments and Pipeline Analysis - focuses on both preventive and therapeutic cancer vaccines in development. The following cancers for which there are vaccines in development or where there is a potential are profiled:
- Cervical
- Colon/Rectal
- Lung
- Lymphoma
- Melanoma
- Prostate
- Breast
- Gastrointestinal
- Renal
- Brain
- Bladder
- Ovarian
- Leukemia

The report includes statistical information for cancers by type worldwide, with special emphasis on the U.S. market. Specifically, cancers where there is current vaccines development are profiled. Each market segment provides an overview, descriptions of products available or in development, market estimates and forecasts for 2010-2015, and competitive analysis of leading developers for 2015.

The report also includes current issues and trends affecting the industry.

This area of medicine is a new frontier and many of the issues that face the cancer vaccine market are novel. However, this is a very promising area of medicine, which will continue to assist in the fight against cancer.

Issues and trends discussed in The Emerging Cancer Vaccine Market include:
- Early Detection and Screening
- Monoclonal Antibodies and Therapeutic Vaccines
- Safety Concerns
- Insurance and Reimbursement Issues
- Personalized Medicine
- Pharmacogenomics
- Vaccine Strategies
- Economic Conditions and Vaccine Discovery

The information for this report was gathered using both primary and secondary research including comprehensive research of secondary sources such as company literature, databases, investment reports, and medical and business journals. Telephone interviews and email correspondence were the primary method of gathering information.
For the purpose of this study Kalorama Information conducted interviews with key industry officials, consultants, health care providers, and government personnel. These sources were the primary basis in gathering information specifically relating to revenue and market share data presented in this report. Specific interviews with pharmaceutical company representatives included marketing directors, division managers, and development representatives.

All market data pertains to the world market at the manufacturers' level. The years outlined in this study include projected markets for 2010 thru 2015. Compound annual growth rates (CAGRs) are provided for the 2010-2015 for each vaccine segment covered. Competitive analysis is provided for the year 2015 for the developing and emerging market. The projected competitive analysis for 2015 was based on products in late stage development, probability of approval and marketing, and demographic trends.

Several companies have promising research and development activities for cancer vaccines. Additionally, many companies are in early stage development with a focused effort on providing favorable results in treating cancer. Many of these companies are:

- Accentia
- Antigenics
- AVAX
- Dendreon
- GlaxoSmithKline
- Merck & Co.
- Northwest Biotherapeutics
- Oncothyreon
- Vaccinogen

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