Cancer Vaccines: Technologies and Global Markets

Description: The global market for cancer vaccines was valued at nearly $4.2 billion and $4.0 billion in 2014 and 2015, respectively. This market is expected to decline from nearly $3.5 billion in 2016 to $3.4 billion in 2021 at a compound annual growth rate (CAGR) of -0.4% for 2016-2021.

This report provides:

- An overview of the global markets and technologies for cancer vaccines.
- Coverage of the cancer vaccines arena including diverse therapeutic platform technologies, immune-stimulating agents and approved vaccines for cancer.
- Examination of the governmental and regulatory environment and how its effecting the market.
- Information on new developments including products in Phase I-IV clinical trials, as well as new technologies.
- Analysis of the market's dynamics, specifically growth and restriction factors, acquisitions and collaborations, and a look at the cancer vaccine market's current achievements and future challenges.
- Relevant patent analysis, presented by year and by vaccine type.
- Profiles of major players in the industry.

The scope of this study entails the global market of cancer vaccines. The report covers the total market of cancer vaccines, which includes two main areas of applications, prophylactic vaccines and therapeutic vaccines. Human papillomavirus (HPV) vaccines and hepatitis B vaccines that indirectly act against cancer are also included in the report.

The report also covers the global market of cancer vaccines by application in various cancer types such as prostate, liver, cervical and others such as lung and urinary bladder. It is discussed from both a commercial perspective and that of a research and development (R&D) perspective.

Each market is analyzed and its application, regulatory environment, new products and advancements, market projections and market shares. Sales data for the global and regional markets were corroborated for the present and forecasted values via statistical analysis and geographically sales are broken down into North America, Europe and emerging markets. The emerging market covers countries such as India, China, Japan, Korea, Taiwan, Africa, Australia, New Zealand, and Canada among others.

Analysis of patents, clinical trials, innovations and opportunities the latest trends in the cancer vaccine market and comprehensive profiles of companies that lead the cancer vaccine industry are also discussed.

Contributions Of The Study And Intended Audience

This study contributes to the areas of market growth for cancer vaccine manufacturers and users. Genomic research centers, academic institutions, government and private laboratories, as well as pharmaceutical, diagnostic and biotechnology companies, and physicians will find this study to be of interest.

Contents: 1: Introduction

- Study Objectives
- Reasons For Doing This Study
- Contributions Of The Study And Intended Audience
- Scope Of The Study
- Methodology
- Information Sources

2: Executive Summary
3: Overview

- Definitions
- History Of Cancer And Its Management
- Causes Of Cancer
- Types Of Cancer-Causing Genes
- Immune System And Cancer
- Classification Of Cancer
- Cancer Prevention
- Types Of Cancer Treatment
- Cancer Vaccines

4: Regulatory Aspects

- Regulatory History Of Approved Cancer Vaccines
- Recalls
- Orphan Drug Designation
- Fast Track Designations

5: New Developments

- Prostate Cancer
- Breast Cancer
- Cervical Cancer
- Liver Cancer
- Lung Cancer
- Stomach Cancer
- Colorectal Cancer
- Esophageal Cancer

6: Market Analysis

- Market By Type
- Market By Region

7: Industry Structure

- Prophylactic Cancer Vaccines
- Therapeutic Cancer Vaccines

8: Market By Application

- Global Market For Cancer Vaccines By Application In Various Cancers
- Prostate Cancer
- Liver Cancer
- Cervical Cancer Vaccines
- Other Vaccines For Cancer

9: Patent Analysis

- Patents By Year
- Patents By Type/Category
- Patents By Company
- Patents By Country
- Patents By Assignee Type

10: Current Situation

- Factors Affecting Cancer Vaccines
- Challenges In Cancer Vaccine Market
11: Company Profiles

- Adamis Pharmaceuticals Corp.
- Aduro BioTech Inc.
- Advantage Gen Inc.
- Advaxis Inc.
- Altor Bioscience Corp.
- Antigen Express Inc.
- Bavarian Nordic A/S
- Bellicum Pharmaceuticals
- Biovest International Inc.
- Cascadian Therapeutics Inc.
- Celldex Therapeutics
- Curevac AG
- Dendreon Corp.
- EMD Serono
- Galena Biopharma Inc.
- Genexine Inc.
- Glaxosmithkline
- Globeimmune Inc.
- Gradalis
- Heat Biologics Inc.
- Immune Cell Therapy Inc. (Ict)
- Immunicum AB
- Immunovative Therapies Ltd.
- Inovio Pharmaceuticals
- ISA Pharmaceuticals B.V.
- Gemvax & Kael Co. Ltd.
- Merck & Co.
- Newlink Genetics Corp.
- Novax Corp.
- Oncovir Inc.
- Oxford Biomedica Plc
- Sotio AS
- Ubivac Llc
- Vical Inc.
- Vaccinogen Inc.
- Vaxon Biotech

12: Abbreviations

List Of Tables

Summary Table : Global Market For Cancer Vaccines By Region, Through 2021
Table 1 : History Of Cancer And Its Management
Table 2 : Regulatory Approvals Of Cancer Vaccines, June 2006 To Oct. 2015
Table 3 : Product Recalls, December 2013
Table 4 : Significant Orphan Drug Designations Approved, Jan. 2012 To June 2016
Table 5 : Clinical Trials On Prostate Cancer Vaccines, As Of June 2016
Table 6 : Significant Prostate Cancer Vaccines In Development, As Of June 2016
Table 7 : Clinical Trials On Breast Cancer Vaccines, As Of June 2016
Table 8 : Significant Breast Cancer Vaccines In Development, As Of June 2016
Table 9 : Clinical Trials On Cervical Cancer Vaccines, As Of June 2016
Table 10 : Significant Cervical Cancer Vaccines In Development, As Of June 2016
Table 11 : Clinical Trials On Liver Cancer Vaccines, As Of June 2016
Table 12 : Significant Liver Cancer Vaccines In Development, As Of June 2016
Table 13 : Clinical Trials On Lung Cancer Vaccines, As Of June 2016
Table 14 : Significant Vaccines In Development For Lung Cancer, As Of June 2016
Table 15 : Clinical Trials On Stomach Cancer Vaccines, As Of June 2016
Table 16 : Significant Stomach Cancer Vaccines In Development, As Of June 2016
Table 17 : Clinical Trials On Colorectal Cancer Vaccines, As Of June 2016
Table 18: Significant Colorectal Cancer Vaccines In Development, As Of June 2016
Table 19: Clinical Trials On Esophageal Cancer Vaccines, As Of June 2016
Table 20: Significant Esophageal Cancer Vaccines In Development, As Of June 2016
Table 21: Global Market For Cancer Vaccines By Type, Through 2021
Table 22: Market Share Of Cancer Vaccines By Type, 2015
Table 23: Global Market For Cancer Vaccines By Region, Through 2021
Table 24: Global Market For Therapeutic Cancer Vaccines By Region, Through 2021
Table 25: Market Shares Of Therapeutic Vaccines By Region, 2015
Table 26: Global Market For Prophylactic Cancer Vaccines By Region, Through 2021
Table 27: Prophylactic Vaccine Market Shares By Region, 2015
Table 28: Leading Manufacturers/Suppliers Of Prophylactic Cancer Vaccines, 2015
Table 29: Manufacturer/Supplier Market Shares Of Prophylactic Cancer Vaccines, 2015
Table 30: Leading Manufacturers/Suppliers Of Therapeutic Cancer Vaccines, 2015
Table 31: Manufacturer/Supplier Market Shares Of Therapeutic Cancer Vaccines, 2015
Table 32: Global Market For Cancer Vaccines By Type Of Cancer, Through 2021
Table 33: Cancer Vaccine Market Shares By Type Of Cancer, 2015
Table 34: Global Market For Prostate Cancer Vaccines By Region, Through 2021
Table 35: Global Market For Liver Cancer Vaccines By Region, Through 2021
Table 36: Global Market For Cervical Cancer Vaccines By Region, Through 2021
Table 37: Global Market For Other Cancer Vaccines By Region, Through 2021
Table 38: U.S. Patents By Year, 2012 To June 2016
Table 39: U.S. Patents By Category, 2012 To June 2016
Table 40: U.S. Patents By Company, 2012 To June 2016
Table 41: U.S. Patents By Country, 2012 To June 2016
Table 42: U.S. Patent Shares By Country, 2012 To June 2016
Table 43: U.S. Patents By Assignee Type, Jan. 2012 To June 2016

List Of Figures

Summary Figure: Global Market For Cancer Vaccines By Region, 2014-2021
Figure 1: Global Market For Cancer Vaccines By Type, 2014-2021
Figure 2: Market Share Of Cancer Vaccines By Type, 2015
Figure 3: Global Market For Cancer Vaccines By Region, 2014-2021
Figure 4: Global Market For Therapeutic Cancer Vaccines By Region, 2014-2021
Figure 5: Market Shares Of Therapeutic Vaccines By Region, 2015
Figure 6: Global Market For Prophylactic Cancer Vaccines By Region, 2014-2021
Figure 7: Prophylactic Vaccine Market Shares By Region, 2015
Figure 8: Manufacturer/Supplier Market Shares Of Prophylactic Cancer Vaccines, 2015
Figure 9: Manufacturer/Supplier Market Shares Of Therapeutic Cancer Vaccines, 2015
Figure 10: Global Market For Cancer Vaccines By Type Of Cancer, 2014-2021
Figure 11: Cancer Vaccine Market Shares By Type Of Cancer, 2015
Figure 12: Global Market For Prostate Cancer Vaccines By Region, 2014-2021
Figure 13: Global Market For Liver Cancer Vaccines By Region, 2014-2021
Figure 14: Global Market For Cervical Cancer Vaccines By Region, 2014-2021
Figure 15: Global Market For Other Cancer Vaccines By Region, 2014-2021
Figure 16: U.S. Patents By Year, 2012 To June 2016
Figure 17: U.S. Patents By Category, 2012 To June 2016
Figure 18: U.S. Patent Shares By Country, 2012 To June 2016
Figure 19: U.S. Patents By Assignee Type, Jan. 2012 To June 2016

Ordering:

Order Online - http://www.researchandmarkets.com/reports/3961025/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

| Product Name: Cancer Vaccines: Technologies and Global Markets |
| Web Address: [http://www.researchandmarkets.com/reports/3961025/](http://www.researchandmarkets.com/reports/3961025/) |
| Office Code: SC |

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td>☐</td>
<td>USD 5500</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td>☐</td>
<td>USD 6600</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td>☐</td>
<td>USD 7920</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td>☐</td>
<td>USD 9504</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Last Name:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Email Address: *</td>
<td>___________________________</td>
</tr>
<tr>
<td>Job Title:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Organisation:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Address:</td>
<td>___________________________</td>
</tr>
<tr>
<td>City:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Country:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Phone Number:</td>
<td>___________________________</td>
</tr>
<tr>
<td>Fax Number:</td>
<td>___________________________</td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:
Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp