Cancer Immunotherapy Market - Global Forecast to 2021

Description: The global cancer immunotherapy market is expected to reach USD 119.39 billion by 2021 from USD 61.97 billion in 2016, at a CAGR of 14.0% from 2016 to 2021. Factors such as increasing incidence of cancer, rising healthcare expenditure, and increased access to medical insurance in developed countries are driving growth in the cancer immunotherapy market. However, stringent regulatory policies and side-effects associated with cancer therapy are the major factors restraining the growth of this market.

The global cancer immunotherapy market has been segmented on the basis of type, application, end user, and region. The monoclonal antibodies segment is expected to register the highest growth rate in the cancer immunotherapy market, by type, during the forecast period. Factors such as high success rate and less recovery time are contributing to the high growth in this segment.

Based on application, the global cancer immunotherapy market is segmented into lung cancer, breast cancer, colorectal cancer, melanoma, prostate cancer, head & neck cancer, and others (renal cell carcinoma, cervical, gastric, and lymphoma). The lung cancer segment is expected to witness the highest CAGR from 2016 to 2021, primarily due to the rising prevalence of this type of cancer.

Based on end users, the global cancer immunotherapy market is segmented into hospitals and clinics & others. The hospitals segment is expected to account for the largest share of the global cancer immunotherapy market in 2016. The rise in healthcare spending has resulted in the increasing use of drugs in hospitals.

Geographically, the cancer immunotherapy market is dominated by North America, followed by Europe, Asia-Pacific, and the Rest of the World (RoW). The large share of North America can be attributed to the growing aging population and the increased funding from government and non-government agencies in order to increase the research capacity.

Apart from comprehensive geographic & 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 cancer immunotherapy market.

The major players in the cancer immunotherapy market include Amgen (U.S.), AstraZeneca (U.K.), F. Hoffman La-Roche Ltd. (Switzerland), Bayer AG (Germany), Bristol-Myers Squibb (U.S.), Eli Lilly and Company (U.S.), Janssen Global Services, LLC (Belgium), Merck (U.S.), Novartis (Switzerland), and Pfizer (U.S.).

Objectives Of The Study
- To define, describe, and forecast the global cancer immunotherapy market on the basis of type, application, end user, and region
- To provide detailed information regarding the major factors (drivers, restraints, opportunities, and industry-specific challenges) influencing the growth of the global cancer immunotherapy market
- To strategically analyze the markets with respect to their individual growth trends, future prospects, and contributions to the total market
- To analyze opportunities in the market for stakeholders and provide details of the competitive landscape for market leaders
- To forecast the revenue of market segments with respect to four regions, namely, North America, Europe, Asia-Pacific, and the Rest of the World (RoW)
- To profile the key players and comprehensively analyze their market shares and core competencies
- To analyze competitive developments such as new product launches; agreements, partnerships, and joint ventures; mergers & acquisitions; and R&D activities in the global cancer immunotherapy market

Target Audience for this Report:
- Drug Manufacturers and Suppliers
- Academic Research Institutes
Scope of the Report:

In this report, the cancer immunotherapy market has been segmented into the following segments and subsegments:

Cancer Immunotherapy Market, by Type
- Monoclonal Antibodies
- Cancer Vaccines
- Checkpoint Inhibitors
- Immunomodulators

Cancer Immunotherapy Market, by Application
- Lung Cancer
- Breast Cancer
- Head and Neck Cancer
- Prostate Cancer
- Colorectal Cancer
- Melanoma
- Others

Cancer Immunotherapy Market, by End User
- Hospitals
- Clinics & Others

Cancer Immunotherapy Market, by Region
- North America
- U.S.
- Canada
- Europe
- Germany
- France
- Italy
- U.K.
- Spain
- RoE
- APAC
- India
- China
- Japan
- RoAPAC
- Rest of the World (RoW)
- South America, Central America, and the Caribbean
- Oceania
- Africa

Contents:

1 Introduction
  1.1 Objectives of the Study
  1.2 Cancer Immunotherapy Market Definition
  1.3 Markets Covered
    1.3.1 Years Considered for the Study
  1.4 Currency
  1.5 Stakeholders

2 Research Methodology
  2.1 Cancer Immunotherapy Market Size Estimation
  2.2 Cancer Immunotherapy Market Breakdown and Data Triangulation
2.3 Cancer Immunotherapy Market Share Estimation
2.3.1 Key Data From Secondary Sources
2.3.2 Key Data From Primary Sources
2.4 Assumptions for the Study

3 Executive Summary
3.1 Introduction
3.2 Current Scenario
3.3 Future Outlook

4 Premium Insights
4.1 Lucrative Opportunities in the Cancer Immunotherapy Market

5 Market Overview
5.1 Introduction
5.1.1 Drivers
5.1.1.1 Rise in Incidence Rate of Cancer Worldwide
5.1.1.2 Increase in Adoption of Immunotherapy Over Other Treatment Options
5.1.1.3 Development of Bioinformatics Tools are Enhancing Drug Development Process
5.1.2 Restraints
5.1.2.1 High Cost of Treatment
5.1.3 Opportunities
5.1.3.1 Increase in Clinical Trials Against Several Types of Cancers in Immunotherapy
5.1.3.2 High Growth Projections in the Developing Countries
5.1.4 Challenges
5.1.4.1 Availability of Limited Funds to Initiate Clinical Trials
5.1.4.2 Complexity of Cancer May Limit the Immune Response
5.2 Overview of Global Cancer Immunotherapy Funding

6 Industry Trends
6.1 Global Trends in Cancer Immunotherapy Market
6.1.1 Opdivo (Niolumab) and Keytruda (Pembrolizumab) Fda Approval in U.S. Increases Hope Amongst Lung Cancer Patients
6.1.2 Combination Immunotherapy Potential Way to Treat Melanoma
6.1.3 U.S. Cancer Immunotherapy Research Community Builds Hope to Combat Cancer By 2020
6.1.4 U.K. Scientists Project A Change in the Means of Treatment for Cancer With Quality Therapies
6.1.5 World is Moving Toward Personalized Immunotherapy
6.1.6 A Combination of Modern Immunotherapy and Traditional Chinese Medicines Continues to Increase Survival Rate of Patients in China
6.2 Pricing Variations in Global Cancer Immunotherapy Market
6.3 Small Players Getting Together to Make Long Term Impact in Cancer Immunotherapy Market
6.4 Attractions for Pharmaceutical Industry
6.5 Heat Map for Variations in Cancer Immunotherapy for Different Types of Cancers
6.5.1 Breast Cancer
6.5.2 Lung Cancer
6.5.3 Multiple Myeloma
6.5.4 Lymphoma

7 Cancer Immunotherapy Market, By Product Type
7.1 Introduction
7.2 Monoclonal Antibodies
7.2.1 Naked Monoclonal Antibodies
7.2.2 Conjugated Monoclonal Antibodies
7.2.3 Bispecific Monoclonal Antibodies
7.3 Vaccines
7.3.1 Prophylactic Vaccines
7.3.2 Therapeutic Vaccines
7.4 Check Point Inhibitors
7.4.1 Cytotoxic T-Lymphocyte-Associated Protein-4 (CTLA-4)
7.4.2 Programmed Death 1 (PD-1) and Programmed Death Ligand 1 (PD-L1)
7.5 Cell Therapies
7.5.1 Chimeric Antigen Receptor (CAR) T Cell Therapy
7.5.2 Dendritic Cells
7.6 Immunomodulators
7.6.1 Granulocyte/Macrophage Colony-Stimulating Factor (GM-CSF & G-CSF)
7.6.2 Interferons (IFN)
7.6.3 Interleukins (IL)
7.6.4 Oncolytic Virus
7.6.4.1 Immunotherapy
7.6.4.1 Immunity as an Obstacle
7.6.4.2 Immunity as an Ally
7.6.4.3 Approved Products & Clinical Trails

8 Cancer Immunotherapy Market, By Application
8.1 Introduction
8.2 Lung Cancer
8.3 Breast Cancer
8.4 Multiple Myeloma
8.5 Colorectal Cancer
8.6 Head & Neck Cancer
8.7 Prostate Cancer
8.8 Melanoma
8.9 Other Cancer Types

9 Cancer Immunotherapy Market, By End User
9.1 Introduction
9.2 Hospital
9.3 Clinics and Others

10 Cancer Immunotherapy Market, By Region
10.1 Introduction
10.2 North America
10.3 Europe
10.4 Asia-Pacific
10.5 Rest of the World (RoW)

11 Competitive Landscape
11.1 Overview
11.2 Market Share Analysis
11.3 Competitive Situation and Trends
11.3.1 Approvals
11.3.2 Agreements, Partnerships, and Collaborations
11.3.3 Acquisitions
11.3.4 Expansions
11.3.5 Other Developments

12 Company Profile
(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, Ratio Analysis, MnM View) -
12.1 Amgen Inc.
12.2 Astrazeneca
12.3 Bayer AG
12.4 Bristol-Myers Squibb
12.5 Eli Lilly and Company
12.6 Janssen Global Services, LLC (Johnson and Johnson)
12.7 Merck
12.8 Novartis
12.9 Pfizer
12.10 F. Hoffmann-La Roche Ltd

- Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View Might Not Be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Insights From Industry Experts
13.2 Discussion Guide
List of Tables

Table 1 Overview of Funding Pattern in Different Types of Cancer By Nih, U.S., 2012-2017 (USD Million)
Table 2 Overview of Key Funding in Cancer Immunotherapy Market, 2016
Table 3 Conventional Cancer Therapy Versus Cancer Immunotherapy
Table 4 Cancer Immunotherapy Market Size, By Product Type, 2014-2021 (USD Million)
Table 5 Cancer Monoclonal Antibodies Market Size, By Subtype, 2014-2021 (USD Million)
Table 6 Cancer Monoclonal Antibodies Market, By Region, 2014-2021 (USD Million)
Table 7 Naked Monoclonal Antibodies Market, By Region, 2014-2021 (USD Million)
Table 8 Conjugated Monoclonal Antibodies Market, By Region, 2014-2021 (USD Million)
Table 9 Bispecific Monoclonal Antibodies Market Size, By Region, 2014-2021 (USD Million)
Table 10 Vaccines Market, By Subtype, 2014-2021 (USD Million)
Table 11 Vaccines Market, By Region, 2014-2021 (USD Million)
Table 12 Prophylactic Vaccines Market Size, 2014-2021 (USD Million)
Table 13 Therapeutic Vaccines Market, By Region, 2014-2021 (USD Million)
Table 14 Checkpoint Inhibitors Market Size, By Subtype, 2014-2021 (USD Million)
Table 15 Checkpoint Inhibitors Market, By Region, 2014-2021 (USD Million)
Table 16 Cytotoxic T-Lymphocyte Market Size, By Region, 2014-2021 (USD Million)
Table 17 Cytotoxic T-Lymphocyte Market Size, By Region, 2014-2021 (USD Million)
Table 18 Immunomodulators Market Size, By Subtype, 2014-2021 (USD Million)
Table 19 Immunomodulators Market Size, By Region, 2014-2021 (USD Million)
Table 20 Granulocyte/Macrophage Colony-Stimulating Factor (GM-CSF) Market Size, By Region, 2014-2021 (USD Million)
Table 21 Interferons Market Size, By Region, 2014-2021 (USD Million)
Table 22 Interleukins Market Size, By Region, 2014-2021 (USD Million)
Table 23 Cancer Immunotherapy Market Size, By Application, 2014-2021 (USD Million)
Table 24 Lung Cancer Market Size, By Region, 2014-2021 (USD Million)
Table 25 Breast Cancer Market Size, By Region, 2014-2021 (USD Million)
Table 26 Multiple Myeloma Market Size, By Region, 2014-2021 (USD Million)
Table 27 Colorectal Cancer Market Size, By Region, 2014-2021 (USD Million)
Table 28 Head & Neck Cancer Market Size, By Region, 2014-2021 (USD Million)
Table 29 Prostate Cancer Market Size, By Region, 2014-2021 (USD Million)
Table 30 Melanoma Market Size, By Region, 2014-2021 (USD Million)
Table 31 Other Types of Cancer Market Size, By Region, 2014-2021 (USD Million)
Table 32 Cancer Immunotherapy Market Size, By End User, 2014-2021 (USD Million)
Table 33 Hospitals Market Size, By Region, 2014-2021 (USD Million)
Table 34 Clinics and Others Market Size, By Region, 2014-2021 (USD Million)
Table 35 Cancer Immunotherapy Market Size, By Region, 2014-2021 (USD Million)
Table 36 North America: Cancer Immunotherapy Market Size, By Product Type, 2014-2021 (USD Million)
Table 37 Europe: Cancer Immunotherapy Market Size, By Product Type, 2014-2021 (USD Million)
Table 38 Asia-Pacific: Cancer Immunotherapy Market Size, By Product Type, 2014-2021 (USD Million)
Table 39 RoW: Cancer Immunotherapy Market Size, By Product Type, 2014-2021 (USD Million)
Table 40 Approvals, 2013-2016
Table 41 Agreements, Partnerships, and Collaborations, 2013-2016
Table 42 Acquisitions, 2013-2016
Table 43 Expansions, 2013-2016

List of Figures

Figure 1 Classification of Cancer Immunotherapy
Figure 2 Research Design
Figure 3 Market Size Estimation Methodology: Bottom-Up Approach
Figure 4 Market Size Estimation Methodology: Top-Down Approach
Figure 5 Breakdown of Primary Interviews: By Company, Designation, and Region
Figure 6 Data Triangulation Methodology
Figure 7 The Monoclonal Antibody Segment is Expected to Lead the Global Cancer Immunotherapy Market During the Forecast Period
Figure 8 The Lung Cancer Segment to Lead the Global Cancer Immunotherapy Market in 2016
Figure 9 Hospitals are Major End Users of the Global Cancer Immunotherapy Market
Figure 10 North America Led the Global Cancer Immunotherapy Market in 2015
Figure 11 Future of Cancer Immunotherapeutics
Figure 12 Global Cancer Immunotherapy Market to Witness High Growth During the Forecast Period
Ordering:

Order Online - http://www.researchandmarkets.com/reports/3849656/

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 Immunotherapy Market - Global Forecast to 2021 |
| Web Address: [http://www.researchandmarkets.com/reports/3849656/] |
| Office Code: SC2GGXR4 |

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Single User:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 6650</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Site License:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 10000</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td></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 ☐</th>
<th>Mrs ☐</th>
<th>Dr ☐</th>
<th>Miss ☐</th>
<th>Ms ☐</th>
<th>Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
</tbody>
</table>
| 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

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World