

# **Global PD-1/PD-L1 Immunotherapy Market: Focus on Type, Application, Country Data (14 Countries), and Competitive Landscape - Analysis and Forecast, 2019-2030**

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## **Abstracts**

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Market Report Coverage - Global PD-1/PD-L1 Immunotherapy

Market Segmentation

Type: PD-1 and PD-L1 inhibitors

Application: Non-Small Cell Lung Cancer, Esophageal Cancer, Urothelial Carcinoma, Hepatocellular Carcinoma, Small Cell Lung Cancer, and Others

Regional Segmentation

North America – U.S., Canada

Europe – Germany, France, Italy, U.K., Spain, Rest-of-Europe

Asia-Pacific – Japan, China, India, Australia, South Korea, Rest-of-Asia-Pacific

Latin America – Brazil, Mexico, Rest-of-Latin America

Rest-of-the-World

## Growth Drivers

Rising Prevalence of Cancer

Unmet Medical Needs of Metastatic Cancer Patients

Advancements Made in the Field of Precision Medicine and Immuno-Oncology

Rising Awareness Among People for the Treatment of Cancer

Increasing Research and Development in the Field of Oncology

Increase in Disposable Income

## Market Challenges

Adverse Effects of PD-1/PD-L1 Immunotherapy

Payment Policy and Reimbursement Issue

High Development Cost of New Therapy

## Market Opportunities

Developing Healthcare Infrastructure in Emerging Economies

## Key Companies Profiled

AstraZeneca Plc, Bristol-Myers Squibb Company, Merck & Co., Inc., Pfizer Plc, F. Hoffmann-La Roche Ltd., Novartis AG, Jiangsu HengRui Medicine Co. Ltd., Innovent Biologics, Inc., Sanofi S.A., Merck KGaA, Regeneron Pharmaceuticals Inc., BeiGene, Ltd., GlaxoSmithKline Plc, Eli Lilly & Company, Chia Tai Tianqing Pharmaceutical Group Co., Ltd.

## Key Questions Answered in this Report:

What are the various immune checkpoint inhibitors available in the market?

What are PD-1 and PD-L1 inhibitors, and what are their role and significance in the treatment of disease conditions?

What are the various therapeutics based on the PD-1 and PD-L1 inhibitors available in the market?

What are the current market size and future potential of these therapies?

What are the major market drivers, challenges, and opportunities in the global PD-1/PD-L1 immunotherapy market?

What are the various response prediction and influencing factors of PD-1 and PD-L1 blockade treatment?

What are the various combination therapy strategies followed with PD-1/PD-L1 immunotherapy?

What are the discovery timelines of various PD-1 and PD-L1 inhibitors?

What is the development status of biosimilars in this market? What will be the impact of its commercialization?

What is the patent landscape of this market? What will be the impact of patent expiry on this market?

What is the reimbursement scenario of the available therapeutics in this market?

What will be the impact of COVID-19 on this market?

What are the various PD-1/PD-L1 inhibitors in clinical trials/pipeline?

What is the mechanism of action of various cancer immunotherapeutic agents available in the market?

What are the guidelines implemented by different government bodies to regulate the approval of PD-1/PD-L1 immunotherapy?

What are the key technological developments on which the current industry leaders are spending a major share of their research and development (R&D) investments?

Which are the leading players currently holding dominating shares in the global PD-1/PD-L1 immunotherapy market?

What are the key strategies incorporated by the players in the global PD-1/PD-L1 immunotherapy market, to sustain the competition?

What is the current revenue contribution of the global PD-1/PD-L1 immunotherapy market (by type), and how would it evolve in the forecast period, 2020-2030?

What is the current revenue contribution of different applications, and how would it evolve in the forecast period?

Which region is expected to contribute to the highest revenue of the global PD-1/PD-L1 immunotherapy market during the forecast period?

## Market Overview

Cancer immunotherapy has significantly advanced in the past few years, and PD-1/PD-L1 immunotherapy has emerged out as one of the most prominent therapies. Many clinical trials have proved their significance, and many are still underway to find other cancers which can be treated with this therapy. These therapies have shown exceptional results in combination with other therapies with reasonable toxicity profile. Further, dynamic immunologic studies, along with genetics and epigenetics in the human cancer microenvironment, are expected to guide the development of different combination therapies and generate novel insight into how the human immune system responds to and is shaped by a variety of tumor types.

Our healthcare experts have found PD-1/PD-L1 immunotherapy to be one of the most rapidly adopted therapies, and the global market for PD-1/PD-L1 immunotherapy is predicted to grow at a CAGR of 10.72% over the forecast period of 2020-2030.

The unmet medical needs in the field of treatment of cancer is significantly driving the growth of this market. Other factors driving the growth include the high prevalence of cancer and increasing expedited approvals by FDA.

Despite the various factors that are influencing the growth of this market, there are several key

issues that are needed to be addressed to facilitate future growth. The relatively high total costs of development and usage of PD-1/PD-L1 inhibitors and reimbursement policies are restraining the growth of this market.

Within the research report, the market is segmented on the basis of type, application, and region. Each of these segments covers the snapshot of the market over the projected years, the inclination of the market revenue, underlying patterns, and trends by using analytics on the primary and secondary data obtained.

### Competitive Landscape

The exponential rise in the adoption of PD-1/PD-L1 immunotherapy at the global level has encouraged companies to invest in the development of products in the PD-1/PD-L1 immunotherapy segment for cancer treatment. Due to the diverse product portfolio and intense market penetration, Merck & Co., Inc. has been a pioneer in this field and been a significant competitor in this market.

On the basis of region, North America holds the largest share, due to improved healthcare infrastructure, rise in per capita income, and improvised reimbursement policies in the region. Apart from this, the Asia-Pacific region is anticipated to grow at the fastest CAGR during the forecast period.

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