

Global Cancer Immunotherapy Market Opportunity, Dosage, Price & Clinical Trials Insight 2026

<https://marketpublishers.com/r/GF9F4B89E757EN.html>

Date: February 2020

Pages: 600

Price: US\$ 4,000.00 (Single User License)

ID: GF9F4B89E757EN

Abstracts

Please note: extra shipping charges are applied when purchasing Hard Copy License depending on the location.

'Global Cancer Immunotherapy Market Opportunity, Dosage, Price & Clinical Trials Insight 2026' Report Highlights:

Global Cancer Immunotherapy Market Opportunity: > US\$ 200 Billion

Cancer Immunotherapy Clinical Trials: > 2300 Drugs In Trials

Commercially Available Cancer Immunotherapies: > 120

Cancer Vaccines Market Opportunity: > US\$ 20 Billion

Cancer Monoclonal Antibodies Market Opportunity: > US\$ 90 Billion

Marketed Cancer Monoclonal Antibodies': > 70 mAbs

Sales, Market Opportunity, Dosage & Price Data: 300 Graphs/Charts

Clinical Trials Insight By Phase, Company, Patient Segment, Drug Class

The research report "Global Cancer Immunotherapy Market Opportunity, Dosage, Price & Clinical Trials Insight 2026" discusses the implications that the recent scientific research and development has brought in context to the ongoing trends and current market size of the cancer immunotherapy at global and regional level. Additionally, the

report depicts the nature of the therapies and the structures that are followed by the cancer immunotherapy approach with detailed profiles of the pharmaceutical companies that are the keynote representer of immunotherapy products in the market.

'Cancer Immunotherapy Has Emerged As Next Growth Frontier With US\$ 200 Billion In Market Opportunity For Multiple Stake Holders Involved In The Research & Development Of Anti Cancer Therapies'

The immunotherapy defends the normal cells by activating the body's immune system against the cancerous cells. The immunotherapy attractively summons the manipulated body's own natural immune cells and causes the eviction of the cancer cells. The immunotherapy techniques such as T-cell therapy, Immune checkpoint inhibitors, Cancer vaccines, Monoclonal Antibodies and many more have offered the cancer patients with no or less hope and with substantial benefit of meaningful improvements. The growth of the respective market is attributed to the advantage that it provides of being a potential one-time treatment with long and durable response.

Different cancer immunotherapies have been developed and successfully marketed across the globe for various malignancies. They may differ in modality but all of them have some common features due to which they are in high demand among cancer patients. Development of results is apparently rapid than other cancer treatment leading to quick alleviation of clinical symptoms. As a result, more cancer patients want them to improve their medical condition in shorter time.

Improved anti-cancer efficacy is another major benefit of cancer immunotherapies which is not offered by other modalities. Fewer side effects are observed during cancer immunotherapy treatment resulting in higher tolerability and improved quality of life. Relapse prevention and increased progression free survival are also improved resulting in increased demand for cancer immunotherapies. Investigators are trying to decipher more underlying principles of cancer immunotherapies in order to offer better medical care to patients.

The aim with which the cancer immunotherapy approach came into existence was to escalate the process of cancer treatment which largely went unnoticed during usage of traditional technologies. Advanced manipulations in all the therapies of cancer immunotherapy have placed the approach above all the other available therapies for cure of cancer. The ease and the technological performance of the therapies results in long term survival of the cancer patients and a more comfortable after treatment life due to the absence of unwanted chemicals in the body and thus leading to less severe side

effects. The approach has enhanced the already existing cancer treatment techniques and has marked itself as an important discovery in the field of oncology.

The strategies that are employed by the immunotherapy approach are playing a very important part in the overall medication for the cancer and that has led to the successful and rapid expansion of the overall immunotherapy market in a very short period of time. The cancer immunotherapy market is driven by the fact that the methodologies working under it have a strong clinical pipeline among which monoclonal antibodies constitutes the most widely accepted immunotherapeutic approach at the global level. The impressive rate at which the market is growing is representing a state of progress that the approach will follow in the near future.

Contents

1. IMMUNOTHERAPY FOR CANCER

- 1.1 Introduction to Cancer Immunotherapy
- 1.2 Advancement of Cancer Immunotherapy

2. TYPES OF CANCER IMMUNOTHERAPY

- 2.1 Specific Cancer Immunotherapy
 - 2.1.1 Cancer Vaccines
 - 2.1.2 Monoclonal Antibodies
- 2.2 Non-Specific Cancer Immunotherapy
 - 2.2.1 Adoptive Cell Transfer Immunotherapy
 - 2.2.2 Immune Checkpoint Inhibitors

3. DYNAMICS OF GLOBAL CANCER IMMUNOTHERAPY LANDSCAPE

- 3.1 Favorable Developmental & Commercialization Parameters
- 3.2 Issues to be Resolved in Expansion of Immunotherapy Horizon

4. CANCER VACCINES: TRANSFORMING THE IMMUNOTHERAPY LANDSCAPE

- 4.1 Prologue of Cancer Vaccines
- 4.2 Cancer Vaccines in Immunotherapy
- 4.3 Commercialization of Cancer Vaccines

5. MONOCLONAL ANTIBODIES: NEW ERA OF IMMUNOTHERAPY

- 5.1 Rudiments of Monoclonal Antibodies
- 5.2 Advents of Monoclonal Antibodies
- 5.3 Commercial Aspects of Monoclonal Antibodies

6. TRAILS OF T-CELL THERAPIES

- 6.1 Adoptive Cell Transfer Technology
- 6.2 Strategies of Adoptive Cell Transfer
- 6.3 Commercial Aspects of Adoptive Cell Therapy

7. APPLICATION OF IMMUNE CHECKPOINT INHIBITORS IN IMMUNOTHERAPY

- 7.1 Prelude to Immune Checkpoint Inhibitors
- 7.2 Implications of Immunecheck Point Inhibitors
- 7.3 Commercial Aspects of Immune Checkpoint Inhibitors

8. ROLE OF IMMUNOMODULATORS IN CANCER IMMUNOTHERAPY

- 8.1 Perspective of Immunomodulators
- 8.2 Clinical Aspects of Immunomodulators
- 8.3 Commercial Aspects of Immunomodulators

9. DEVELOPMENT OF ONCOLYTIC VIRAL IMMUNOTHERAPY

- 9.1 Concept to Oncolytic Viruses
- 9.2 Potential Approaches of Oncolytic Viruses
- 9.3 Commercial Aspects of Oncolytic Viruses

10. CYTOKINES & CANCER IMMUNOTHERAPY

- 10.1 Fundamentals of Cytokines
- 10.2 Classification of Cytokines
- 10.3 Commercial Aspects of Cytokines

11. INTERFERONS IN IMMUNOTHERAPY

- 11.1 Potentials of Interferons
- 11.2 Classification of Interferons
- 11.3 Clinical Applications of Interferons

12. INTERLEUKINS IN IMMUNOTHERAPY

- 12.1 Potentials of Interleukins
- 12.2 Clinical Applications of Interleukins

13. GM-CSF IN IMMUNOTHERAPY

- 13.1 Potentials of GM-CSF
- 13.2 Clinical Applications of GM-CSF

14. MARKET ASPECTS OF CANCER IMMUNOTHERAPY

- 14.1 Current Market Trends
- 14.2 Economic Aspects of Cancer Immunotherapy
- 14.3 Cancer Immunotherapy Cost by Product

15. CANCER IMMUNOTHERAPY PIPELINE OVERVIEW

- 15.1 By Drug Class
- 15.2 By Phase
- 15.3 By Company
- 15.4 By Target
- 15.5 By Patient Segment

16. CANCER IMMUNE CHECK POINT INHIBITORS - AVAILABILITY, PRICE, DOSAGE & SALES ANALYSIS

- 16.1 Keytruda (Pembrolizumab)
- 16.2 Yervoy (Ipilimumab)
- 16.3 Opdivo (Nivolumab)
- 16.4 Tecentriq (Atizolizumab)
- 16.5 Bavencio (Avelumab)
- 16.6 Imfinzi (Darlumuvab)
- 16.7 Libtayo (Cemiplimab)

17. CANCER MONOCLONAL ANTIBODY MARKET - AVAILABILITY, PRICE, DOSAGE & SALES ANALYSIS

- 17.1 Herceptin (Trastuzumab)
- 17.2 Avastin (Bevacizumab)
- 17.3 MabThera/Rituxan (Rituximab)
- 17.4 Erbitux (Cetuximab)
- 17.5 Vectibix (Panitumab)
- 17.6 Arzerra (Ofatumumab)
- 17.7 Gazyva (Obinutuzumab)
- 17.8 Perjeta (Pertuzumab)

18. BISPECIFIC ANTIBODY MARKET - AVAILABILITY, PRICE, DOSAGE & SALES

ANALYSIS

18.1 Blincyto (Blinatumomab)

19. CANCER VACCINE MARKET - AVAILABILITY, PRICE, DOSAGE & SALES ANALYSIS

19.1 Gardasil & Gardasil

19.2 Cervarix

19.3 Provenge (Sipuleucel – T)

19.4 Vaxira (Racotumomab)

19.5 CreaVax-RCC

20. CANCER CYTOKINES DRUGS MARKET - AVAILABILITY, PRICE, DOSAGE & SALES ANALYSIS

20.1 Proleukin (Aldeslakin)

20.2 Intron A (Interferon Alpha-2b)

20.3 PegIntron (PegInterferon alpha-2b)

20.4 Sylatron (Peginterferon Alpha-2b)

20.5 Betaseron (Interferon Beta-1b)

20.6 Actimmune (Interferon Gamma-1b)

20.7 Ontak (Denileukin Diftitox)

21. ONCOLYTIC VIRUS MARKET - AVAILABILITY, DOSAGE, & PRICE ANALYSIS

21.1 Imlygic

22. CAR-T Cell Therapy - Availability, Dosage, Price & Sales Analysis

22.1 Kymriah

22.2 Yescarta

23. MARKETED CANCER CELL THERAPIES DRUGS

23.1 T-Lymphocyte Cell Therapy(Immuncell-LC®)

23.2 Zalmoxis

23.3 APCEDEN For RCC

23.4 Dendritic Cell-Activated Cytokine-Induced Killer Cells - Shanghai Jia Fu Medical

24. MARKETED CANCER CYTOKINES DRUGS

- 24.1 Aldesleukin (Proleukin®)
- 24.2 Denileukin Diftitox (ONTAK®)
- 24.3 Interferon Alpha (Multiferon®)
- 24.4 Interferon Alpha-2a (Roferon-A®)
- 24.5 Interferon Alpha-2a (Veldona®)
- 24.6 Interferon Alpha-2a Biosimilar(Inferon™/Inmutag™)
- 24.7 Interferon Alpha-2b(Intron® A)
- 24.8 Interferon Alpha-2b Biosimilar(Bioferon™)
- 24.9 Interferon Alpha-2b Biosimilar (Intalfa®)
- 24.10 Interferon Alpha-2b Biosimilar
- 24.11 Interferon Alpha-2b Biosimilar (ReliFeron®)
- 24.12 Interferon-Alpha-n3 (Alferon N®)
- 24.13 Interferon-Beta-1b (Feron®)
- 24.14 Interferon-Gamma (Ogamma®)
- 24.15 Interleukin-2 Biosimilar (Ilcass)
- 24.16 Teceleukin (Imunace™)

25. MARKETED CANCER VACCINES

- 25.1 Bladder Cancer Vaccine (PACIS®)
- 25.2 Bladder Cancer Vaccine
- 25.3 BV NSCLC
- 25.4 Dendritic Cell Vaccine (CreaVax-HCC®, CreaVax-PC® & CreaVax-RCC®)
- 25.5 Human Papillomavirus Vaccine Quadrivalent (Gardasil®/Silgard®)
- 25.6 Human Papillomavirus Vaccine Recombinant Bivalent (Cervarix®)
- 25.7 Immuvac/Cadi
- 25.8 Immucyst/TheraCys
- 25.9 Melanoma Vaccine (MVax®)
- 25.10 Melanoma Vaccine (Melacine®)
- 25.11 Racotumomab (Vaxira®)
- 25.12 Reniale
- 25.13 Sipuleucel-T (Provenge®)
- 25.14 Tertomotide (LucaVax)
- 25.15 Vitespen (Oncophage®)

26. MARKETED CANCER MONOCLONAL ANTIBODIES

- 26.1 Bevacizumab

- 26.2 Trastuzumab Emtansine
- 26.3 Trastuzumab Subcutaneous
- 26.4 Brentuximab Vedotin
- 26.5 Catumaxomab
- 26.6 Ipilimumab
- 26.7 Nivolumab
- 26.8 Pembrolizumab
- 26.9 Pertuzumab
- 26.10 Rituximab
- 26.11 Trastuzumab
- 26.12 Gemtuzumab Ozogamicin
- 26.13 Others

27. GLOBAL CANCER IMMUNOTHERAPY MARKET FUTURE PROSPECTS

28. COMPETITIVE LANDSCAPE

- 28.1 Abbvie
- 28.2 Advaxis
- 28.3 Altor BioScience
- 28.4 Amgen
- 28.5 Biogen Idec
- 28.6 Biogenomics
- 28.7 Celldex Therapeutics
- 28.8 Dendreon Corporation
- 28.9 Eli Lilly
- 28.10 Expression Genetics
- 28.11 Galena Biopharma
- 28.12 Genmab
- 28.13 Gilead Sciences
- 28.14 GlaxoSmithKline
- 28.15 ImmunoCellular Therapeutics
- 28.16 ImmunoGen
- 28.17 Inovio Pharmaceuticals
- 28.18 IRX Therapeutics
- 28.19 Merck
- 28.20 NeoStem Oncology
- 28.21 NewLink Genetics
- 28.22 Northwest Biotherapeutics

- 28.23 Novartis
- 28.24 Peregrine Pharmaceuticals
- 28.25 Pfizer
- 28.26 Philogen
- 28.27 Regulon
- 28.28 Roche
- 28.29 Seattle Genetics
- 28.30 ZymoGenetics

List Of Figures

LIST OF FIGURES

Figure 1-1: Evolutionary Trails of Cancer Immunotherapy

Figure 1-2: Layout of Necessity of Cancer Immunotherapies for Cancer Treatment

Figure 1-3: Potential Benefits of Cancer Immunotherapies

Figure 2-1: Classification of Cancer Immunotherapies

Figure 2-2: Categorization of Specific Immunotherapy

Figure 2-3: Non-Specific Cancer Immunotherapies

Figure 3-1: Favorable Cancer Immunotherapy Market Parameters

Figure 3-2: Cancer Immunotherapy Commercialization Challenges

Figure 4-1: Categorization & Function of Cancer Vaccines

Figure 4-2: Mechanism of the Cancer Vaccine towards Tumor Eradication

Figure 4-3: Global - Cancer Vaccines Market (US\$ Billion), 2018-2026

Figure 5-1: Process of Manufacturing of Monoclonal Antibody

Figure 5-2: Principles of Monoclonal Antibodies

Figure 5-3: Evolution of Monoclonal Antibody over Generations

Figure 5-4: Classification of Monoclonal Antibodies

Figure 5-5: Representation of Mechanism of Alemtuzumab

Figure 5-6: Representation of Mechanism of Ibritumomab Tiuxetan

Figure 5-7: Representation of Mechanism of Blinatumomab

Figure 5-8: Global - Market for Cancer Monoclonal Antibodies (US\$ Billion), 2018-2026

Figure 6-1: Benefit of Adoptive Cell Transfer Immunotherapy

Figure 6-2: Systematic Representation of Adoptive T-Cell Therapies

Figure 6-3: Three Adoptive Cell Transfer Strategies for Cancer Immunotherapy

Figure 6-4: Tumor-Infiltrating Lymphocytes in Adoptive Cell Transfer

Figure 6-5: Mechanism of CAR Modified T-Cells

Figure 6-6: Genetically Engineered TCR for Cancer Immunotherapy

Figure 6-7: Global - Predictive Market of CAR T-Cell Therapeutics (US\$ Million), 2018-2026

Figure 7-1: Benefits of Immune Checkpoint Inhibitors

Figure 7-2: Implication of Adaptive Immune Resistance Mechanism

Figure 7-3: Mechanism of Ipilimumab

Figure 7-4: Layout of Mechanism of Nivolumab

Figure 7-5: Mechanism of Pembrolizumab

Figure 7-6: Global - Immune Check Point Inhibitors Market (US\$ Billion), 2018-2026

Figure 8-1: Functions of Immunomodulators

Figure 8-2: Benefits of Immunomodulators

Figure 8-3: Layout of the Challenges of Immunomodulators

Figure 8-4: Properties of Thalidomide

Figure 8-5: Mechanism of Lenalidomide In Vivo

Figure 8-6: Mechanism of Lenalidomide in Vitro

Figure 8-7: Mechanism of Pomalidomide

Figure 8-8: Global - Immunomodulators Market for All Indications (US\$ Billion), 2018-2026

Figure 9-1: Demonstration of Categorization of Oncolytic Viruses

Figure 9-2: Potential Advantages of Oncolytic Viruses over Conventional Therapies

Figure 9-3: Global - Predicted Market Share of Oncolytic Viral Therapies (US\$ Million), 2018-2026

Figure 10-1: Layout of Functions Performed by Cytokine

Figure 10-2: Benefits of Cytokines in Cancer Immunotherapy

Figure 10-3: Classification of Cytokine Receptor Family

Figure 10-4: Percentage Share of the Cancer Immunotherapies by the Technology

Figure 11-1: Layout of Functions of Interferon

Figure 11-2: Classification of Interferons on the Basis of Types of Genes

Figure 11-3: General Mechanism of Interferons

Figure 11-4: Mechanism of Interferon Alfa-n3

Figure 11-5: Aspects of Peginterferon Alfa-2a

Figure 11-6: Applications of Interferon Beta 1a

Figure 11-7: Potentials of Interferon Alfa-2b

Figure 12-1: Functions of Interleukin

Figure 12-2: Potentials of Interleukins in Cancer Immunotherapy

Figure 12-3: Clinical Potentials of Proleukin

Figure 12-4: Clinical Potentials of Denileukin Diftitox

Figure 13-1: Potential Applications of GM-CSF

Figure 13-2: Mechanism of Sargramostim

Figure 14-1: Global - Cancer Immunotherapeutic Market (US\$ Billion), 2018-2026

Figure 14-2: Expected Cancer Treatment Cost (US\$ Billion), 2016-2022

Figure 14-3: Comparative Analysis of Available Cancer Treatments

Figure 14-4: Major Approved Immunotherapeutic Drugs

Figure 14-5: Annual per Patient Drug Expenditure of Immunotherapy

Figure 15-1: Global - Cancer Vaccine Clinical Pipeline by Phase (%), 2020 - 2026

Figure 15-2: Global - Cancer Vaccine Clinical Pipeline by Phase (Number), 2020 -2026

Figure 15-3: Global - Cancer Monoclonal Antibodies Clinical Pipeline by Phase (%), 2020 -2026

Figure 15-4: Global - Cancer Monoclonal Antibodies Clinical Pipeline by Phase (Number), 2020 -2026

Figure 15-5: Global - Cancer Cell Therapies Clinical Pipeline by Phase (%), 2020 -2026

Figure 15-6: Global - Cancer Cell Therapies Clinical Pipeline by Phase (Number), 2020 -2026

Figure 15-7: Global - Cancer Immunomodulators Clinical Pipeline by Phase (%), 2020 -2026

Figure 15-8: Global - Cancer Immunomodulators Clinical Pipeline By Phase (Number), 2020 - 2026

Figure 15-9: Global - Cancer Immunotherapy Clinical Pipeline by Phase (Number), 2020 -2026

Figure 15-10: Global - Cancer Immunotherapy Clinical Pipeline by Company (Number), 2020 -2026

Figure 15-11: Global - Cancer Immunotherapy Clinical Pipeline by Target (Number), 2020 -2026

Figure 15-12: Global - Cancer Immunotherapy Clinical Pipeline by Patient Segment (Number), 2020 -2026

Figure 16-1: Keytruda – Patent Expiration Year by Region

Figure 16-2: Keytruda – Price for 4ml & 8ml Supply & Price per ml of Intravenous Injection (US\$), January'2020

Figure 16-3: Keytruda – Duration of Single Treatment Cycle & Full Treatment of Melanoma & Other Cancers (Weeks), January'2020

Figure 16-4: Keytruda – Cost of Single and Full Treatment using Powder of Injection (US\$), January'2020

Figure 16-5: Keytruda - Cost of Single and Full Treatment using Solution of Injection (US\$), January'2020

Figure 16-6: Keytruda – Annual Sales Value (US\$ Billion), 2016, 2017 & 2018

Figure 16-7: Keytruda – Quarterly Sales Value (US\$ Billion), Q1-Q3, 2018 & 2019

Figure 16-8: Yervoy – US & Europe Exclusivity Expiration Year

Figure 16-9: Yervoy - Price for 10ml Supply & Price per ml 5mg/ml Intravenous Injection (US\$), January'2020

Figure 16-10: Yervoy – Price for 40ml Supply & Price per ml 5mg/ml Intravenous Injection (US\$), January'2020

Figure 16-11: Yervoy – Duration of Single Treatment Cycle & Full Treatment of Metastatic Melanoma (Weeks), January'2020

Figure 16-12: Yervoy – Average Cost of Single Treatment Cycle & Full Treatment of Metastatic Melanoma (US\$), January'2020

Figure 16-13: Yervoy – Average Cost of Single Treatment Cycle, Initial Year & Remaining Years for Management of Metastatic Melanoma (US\$), January'2020

Figure 16-14: Yervoy – Duration of Single Treatment Cycle & Full Treatment in Combinational Therapy (Weeks), January'2020

Figure 16-15: Yervoy – Average Cost of Single Treatment Cycle & Full Treatment in Combinational Therapy (US\$), January'2020

Figure 16-16: Yervoy – Annual Sales Value (US\$ Billion), 2016-2018

Figure 16-17: Yervoy – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019

Figure 16-18: US - Yervoy Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019

Figure 16-19: Yervoy – US v/s Rest of World Sales Share (%), Q1-Q3, 2019

Figure 16-20: Opdivo - Patent Expiration Year by Region

Figure 16-21: Opdivo - Price for 4ml Supply & Price per ml of 10mg/ml Intravenous Injection (US\$), January'2020

Figure 16-22: Opdivo - Price for 10 ml Supply & Price per ml of 10mg/ml Intravenous Injection (US\$), January'2020

Figure 16-23: Opdivo - Price for 20 ml Supply & Price per ml of 10mg/ml Intravenous Injection (US\$), January'2020

Figure 16-24: Opdivo Monotherapy Therapy - Single Treatment Cycle & Full Treatment Average Cost (US\$), January'2020

Figure 16-25: Opdivo Combination – Dose for Management of Melanoma & Renal Cell Carcinoma (mg/3 Weeks)), January'2020

Figure 16-26: Opdivo – Annual Sales Value (US\$ Billion), 2016 - 2018

Figure 16-27: Opdivo – Quarterly Sales Value (US\$ Billion), Q1-Q3, 2018 & 2019

Figure 16-28: US - Opdivo – Quarterly Sales Value (US\$ Billion), Q1-Q3, 2019

Figure 16-29: Opdivo – 9 Month Sales Share of US & Rest of World (%), Q1-Q3, 2019

Figure 16-30: Tecentriq - Price for 14ml Supply & Price per ml of 840mg/14ml Intravenous Injection (US\$), January'2020

Figure 16-31: Tecentriq - Price for 20ml Supply & Price per ml of 1200mg/20ml Intravenous Injection (US\$), January'2020

Figure 16-32: Tecentriq - Average Cost of Single Treatment Cycle and Annual Treatment using 840mg/2 Week Dose (US\$), January'2020

Figure 16-33: Tecentriq - Average Cost of Single Treatment Cycle and Annual Treatment using 1200mg/3 Week Dose (US\$), January'2020

Figure 16-34: Tecentriq - Average Cost of Single Treatment Cycle and Annual Treatment using 1680mg/4 Week Dose (US\$), January'2020

Figure 16-35: Tecentriq – Annual Sales Value (US\$/CHF Million), 2017 & 2018

Figure 16-36: Tecentriq – Quarterly Sales Value (US\$ Million), Q1-Q3, 2019

Figure 16-37: Tecentriq – Quarterly Sales Value (US\$ Million), 2018

Figure 16-38: Tecentriq – Sales Value of US v/s ROW (US\$ Billion), Q1-Q3, 2019

Figure 16-39: Tecentriq – 9 Month Sales Share by Region (%), Q1-Q3, 2019

Figure 16-40: Bavencio - Price for 10ml Supply & Price per ml of 20mg/ml Intravenous Injection (US\$), January'2020

Figure 16-41: Bavencio - Average Cost of Single Treatment Cycle & Annual Treatment

(US\$), January'2020

Figure 16-42: Bavencio – Annual Sales Value (US\$/EUR Million), 2017 & 2018

Figure 16-43: Bavencio – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019

Figure 16-44: Imfinzi – FDA Approval & Patent Expiration Year

Figure 16-45: Imfinzi – Price for a Supply of 2.4ml & Price per ml of Solution for Injection (US\$), January'2020

Figure 16-46: Imfinzi – Price for a Supply of 10 ml & Price per ml of Solution for Injection (US\$), January'2020

Figure 16-47: Imfinzi - Average Cost of Single Treatment Cycle & Full Treatment of NSCLC (US\$), January'2020

Figure 16-48: Imfinzi – Annual Sales Value (US\$ Million), 2017 & 2018

Figure 16-49: Imfinzi – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019

Figure 16-50: Libtayo – Price for a Supply of 7ml & Price per ml of Solution for Injection (US\$), January'2020

Figure 16-51: Libtayo – Cost of Single Treatment Cycle & Annual Treatment Cost (US\$), January'2020

Figure 16-52: Libtayo – Quarterly Sales Value (US\$ Million), Q1-Q3, 2019

Figure 16-53: US - Libtayo Quarterly Sales Value (US\$ Million), Q1-Q3, 2019

Figure 16-54: Libtayo – 9 Month Sales Share – US v/s Rest of World (%), Q1-Q3, 2019

Figure 16-55: Libtayo – 9 Month Sales of US v/s Rest of World (US\$ Million), Q1-Q3, 2019

Figure 17-1: Herceptin – Approval Year by Cancer Type

Figure 17-2: Herceptin – Price for a Supply of 10 and Price for Single 150mg Powder for Injection (US\$), January'2020

Figure 17-3: Herceptin – Initial & Maintenance Dose for Breast Cancer Treatment (mg/kg), January'2020

Figure 17-4: Herceptin – Cost of Initial Dose, Maintenance Dose & Annual Treatment Cost of Breast Cancer (US\$), January'2020

Figure 17-5: Herceptin – Initial & Maintenance Dose for Adjuvant Breast Cancer, Gastric & Esophageal Carcinoma (mg/kg), January'2020

Figure 17-6: Herceptin – Cost of Initial Dose, Maintenance Dose & Annual Treatment Cost of Adjuvant Breast Cancer, Gastric & Esophageal Carcinoma (US\$), January'2020

Figure 17-7: Herceptin – Annual Sales Value (US\$/CHF Billion), 2017 & 2018

Figure 17-8: Herceptin – Quarterly Sales Value (US\$/CHF Billion), Q1-Q4, 2018

Figure 17-9: Herceptin – Quarterly Sales Value (US\$/CHF Billion), Q1-Q3, 2019

Figure 17-10: US - Herceptin – Quarterly Sales Value (US\$ Billion), Q1-Q3, 2018 & 2019

Figure 17-11: Herceptin – Sales Value – US v/s ROW (US\$ Billion), 2018

Figure 17-12: Herceptin –Sales Share by Region (%), 2018

Figure 17-13: Avastin – Price for a Supply of 10 & Price for Single 4ml Solution for Injection (US\$), January'2020

Figure 17-14: Avastin – Price for a Supply of 10 & Price for Single 16ml Solution for Injection (US\$), January'2020

Figure 17-15: Avastin – Cost of Single Treatment Cycle & Annual Treatment Cost for NSCLC & Metastatic Cervical Cancer (US\$), January'2020

Figure 17-16: Avastin – Cost of Single Treatment Cycle & Annual Treatment Cost for Recurrent Glioblastoma & Renal Cell Carcinoma (US\$), January'2020

Figure 17-17: Avastin – Duration of Treatment of Recurrent Glioblastoma & Renal Cell Carcinoma as Combinational & Monotherapy (Weeks), January'2020

Figure 17-18: Avastin – Cost of Single Treatment Cycle & Annual Treatment Cost for Recurrent Glioblastoma & Renal Cell Carcinoma (US\$), January'2020

Figure 17-19: Avastin – Annual Sales Value (US\$/CHF Billion), 2017 & 2018

Figure 17-20: Avastin – Quarterly Sales Value (US\$ Billion), Q1-Q3, 2018 & 2019

Figure 17-21: US - Avastin – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019

Figure 17-22: Avastin – 9 Month Sales Share by Region (US\$ Billion), Q1-Q3, 2019

Figure 17-23: Avastin – 9 Month Sales Share of US & Rest of World (%), Q1-Q3, 2019

Figure 17-24: Rituxan – Price for a Supply of 10 ml & Price per ml of Solution for Injection (US\$), January'2020

Figure 17-25: Rituxan – Price for a Supply of 50 ml & Price per ml of Solution for Injection (US\$), January'2020

Figure 17-26: Rituxan – Price for a Supply of 100 ml & Price per ml of Solution for Injection (US\$), January'2020

Figure 17-27: Rituxan – Average Minimum & Maximum Cost for Refractory CD20+ B-Cell NHL (US\$), January'2020

Figure 17-28: Rituxan – Average Cost for Single Dose & Cost of Full Maintenance Phase for Non-Progressing CD20+ B-Cell NHL (US\$), January'2020

Figure 17-29: Rituxan – Annual Sales Value (US\$/CHF Billion), 2017 & 2018

Figure 17-30: Rituxan – Quarterly Sales Value (US\$ Billion), Q1-Q3, 2018 & 2019

Figure 17-31: US - Rituxan – Quarterly Sales Value (US\$ Billion), Q1-Q3, 2019

Figure 17-32: Avastin – 9 Month Sales Share of US & Rest of World (%), Q1-Q3, 2019

Figure 17-33: Rituxan – 9 Month Sales Share by Region (CHF/US\$ Billion)), Q1-Q3, 2019

Figure 17-34: Rituxan – 9 Month Sales Share by Region (%), Q1-Q3, 2019

Figure 17-35: Erbitux - Approval Year by Cancer Type

Figure 17-36: Erbitux - Price for a Supply of 50 ml & Price per ml of Intravenous Solution (US\$), January'2020

Figure 17-37: Erbitux - Price for a Supply of 100 ml & Price per ml of Intravenous

Solution (US\$), January'2020

Figure 17-38: Erbitux – Initial & Maintenance Dose for Colorectal, Head & Neck Cancer Treatment (mg/m²), January'2020

Figure 17-39: Erbitux – Average Cost of Initial Dose, Maintenance Dose & Cost of Annual Treatment (US\$), January'2020

Figure 17-40: Erbitux – Annual Sales Value (US\$ Million), 2016 - 2018

Figure 17-41: US - Erbitux Sales Value (US\$ Million), 2017 & 2018

Figure 17-42: Erbitux - Sales Share US v/s Rest of World (%), 2018

Figure 17-43: Erbitux – Quarterly Sales Value (US\$ Million), Q1-Q3, 2017 & 2018

Figure 17-44: Vectibix - FDA Approval & Patent Expiration Year

Figure 17-45: Vectibix – Price for a Supply of 5 ml & Price per ml of Intravenous Solution (US\$), January'2020

Figure 17-46: Vectibix – Price for a Supply of 20 ml & Price per ml of Intravenous Solution (US\$), January'2020

Figure 17-47: Vectibix – Cost of Single Treatment Cycle & Annual Treatment Cost for Colorectal Cancer (US\$), January'2020

Figure 17-48: Vectibix – Annual Sales Value (US\$ Million), 2015 - 2018

Figure 17-49: Vectibix - Sales Share US v/s Rest of World (%), 2018

Figure 17-50: Vectibix – Quarterly Sales Value (US\$ Million), Q1 – Q3, 2018 & 2019

Figure 17-51: Vectibix – 9 Month Sales Share US v/s Rest of World (%), Q1 – Q3, 2019

Figure 17-52: Arzerra – Price for a Supply of 15 ml, 5 ml and Price per ml of Intravenous Solution (US\$), January'2020

Figure 17-53: Arzerra – Price for a Supply of 50 ml & Price per ml of Intravenous Solution (US\$), January'2020

Figure 17-54: Arzerra – Initial & Maintenance Dose for Previously Untreated CLL (mg), January'2020

Figure 17-55: Arzerra – Minimum & Maximum Treatment Duration for Previously Untreated CLL (Weeks), January'2020

Figure 17-56: Arzerra – Minimum & Maximum Treatment Cost for Previously Untreated CLL (US\$), January'2020

Figure 17-57: Arzerra – Initial & Maintenance Dose for Relapsed CLL (mg), January'2020

Figure 17-58: Arzerra – Minimum & Maximum Treatment Cost for Relapsed CLL (US\$), January'2020

Figure 17-59: Arzerra – Initial & Maintenance Dose for Refractory CLL (mg), January'2020

Figure 17-60: Arzerra – Treatment Duration for Refractory CLL (Weeks), January'2020

Figure 17-61: Arzerra – Minimum & Maximum Treatment Cost for Refractory CLL (US\$), January'2020

Figure 17-62: Gazyva – Approval Year by Cancer Type

Figure 17-63: Gazyva – Price for 40ml Supply & Price per ml of Intravenous Solution (US\$), January'2020

Figure 17-64: Gazyva – Recommended Dosing Schedule for Initial Treatment Cycle of CLL (mg), January'2020

Figure 17-65: Gazyva – Duration of Single Treatment Cycle & Full Treatment of CLL (Week), January'2020

Figure 17-66: Gazyva – Cost of Initial & Subsequent Treatment Cycle & Full Treatment Cost of CLL (US\$), January'2020

Figure 17-67: Gazyva – Minimum & Maximum Duration for Follicular Lymphoma Treatment (Week), January'2020

Figure 17-68: Gazyva – Minimum & Maximum Treatment Cost of Follicular Lymphoma (US\$), January'2020

Figure 17-69: Gazyva – Duration of Single Treatment Cycle & Full Treatment Using Monotherapy (Months), January'2020

Figure 17-70: Gazyva – Cost of Single Treatment Cycle & Full Treatment using Monotherapy (US\$), January'2020

Figure 17-71: Gazyva – Annual Sales Value (US\$/CHF Million), 2016 - 2018

Figure 17-72: Gazyva – Quarterly Sales Value (US\$/CHF Million), 2018

Figure 17-73: Gazyva – Quarterly Sales Value (US\$/CHF Million), Q1-Q3, 2019

Figure 17-74: US - Gazyva – Quarterly Sales Value (US\$ Million), Q1-Q3, 2019

Figure 17-75: Gazyva – 9 Month Sales Share by Region (CHF/US\$ Million), Q1-Q3, 2019

Figure 17-76: Gazyva – 9 Month Sales Share by Region (%), Q1-Q3, 2019

Figure 17-77: Perjeta - Approval Year by Cancer Type

Figure 17-78: Perjeta – Patent Expiration Year – US & Europe

Figure 17-79: Perjeta – Price for a Supply of 10 ml and Price per ml of Intravenous Solution (US\$), January'2020

Figure 17-80: Perjeta – Initial & Maintenance Dose for Breast Cancer Treatment (mg/3 weeks), January'2020

Figure 17-81: Perjeta – Minimum & Maximum Treatment Cost for Breast Cancer (US\$), January'2020

Figure 17-82: Perjeta – Minimum & Maximum Treatment Cost of Neoadjuvant Breast Cancer Treatment (US\$), January'2020

Figure 17-83: Perjeta – Annual Sales Value (US\$/CHF Billion), 2016 - 2018

Figure 17-84: Perjeta – Quarterly Sales Value (US\$/CHF Million), 2018

Figure 17-85: Perjeta – Quarterly Sales Value (US\$/CHF Million), Q1-Q3, 2019

Figure 17-86: US - Perjeta – Quarterly Sales Value (US\$ Million), Q1-Q3, 2019

Figure 17-87: Perjeta – Sales Value by Region (US\$/CHF Million), Q1 – Q3, 2019

Figure 17-88: Perjeta – Sales Value by Region, Q1 – Q3, 2019

Figure 18-1: Blincyto - Number of Induction & Consolidation Cycles for Treatment of MRD+ B-cell precursor ALL, January'2020

Figure 18-2: Blincyto - Duration of Treatment Phase & Resting Phase in Induction & Consolidation Cycles for Treatment of MRD+ B-cell Precursor ALL (Days) , January'2020

Figure 18-3: Blincyto - Cost of Single Cycle & Full Treatment Cost of MRD+ B-cell precursor ALL (US\$), January'2020

Figure 18-4: Blincyto - Recommended Number of Induction & Consolidation Treatment Cycle for Relapsed B-Cell Precursor ALL, January'2020

Figure 18-5: Blincyto - Duration of Single Induction, Consolidation, Continued Cycle & Full Treatment for Relapsed B-Cell Precursor ALL (Weeks), January'2020

Figure 18-6: Blincyto - Cost of 1st & 2nd Induction Cycle for Treatment of Relapsed B-Cell Precursor ALL (US\$), January'2020

Figure 18-7: Blincyto - Cost of Different Treatment Phases & Full Treatment Cost for Relapsed B-Cell Precursor ALL (US\$), January'2020

Figure 18-8: Blincyto - Sales Value (US\$ Million), 2015 - 2018

Figure 18-9: US - Blincyto Sales Value (US\$ Million), 2016 - 2018

Figure 18-10: Blincyto - Quarterly Sales Value (US\$ Million), 2018

Figure 18-11: Blincyto - US v/s Rest of World Share in Sales Value (%), 2018

Figure 18-12: Blincyto - Quarterly Sales Value (US\$ Million), Q1 – Q3, 2018 & 2019

Figure 18-13: Blincyto - US & Rest of World Sales Value (US\$ Million), Q1 - Q3, 2019

Figure 18-14: Blincyto - US v/s ROW Share in 9 Month Sales Value (%), 2019

Figure 19-1: Gardasil & Gardasil 9 – FDA Approval Year

Figure 19-2: Gardasil – Patent Expiration Year of US & Europe

Figure 19-3: Gardasil 9 – US & Europe Patent Expiration Year

Figure 19-4: Gardasil – Price for 0.5ml Supply & Price per ml of Intravenous Suspension (US\$), January'2020

Figure 19-5: Gardasil – Price for 3ml Supply & Price per ml of Intravenous Suspension (US\$), January'2020

Figure 19-6: Gardasil – Price for 5ml Supply & Price per ml of Intravenous Suspension (US\$), January'2020

Figure 19-7: Gardasil 9 – Price for 5ml Supply & Price per ml of Intravenous Suspension (US\$), January'2020

Figure 19-8: Gardasil – Cost of Single Dose & Cost of Full Course (US\$), January'2020

Figure 19-9: Gardasil 9 – Cost of Single Dose & Cost of Full Course (US\$), January'2020

Figure 19-10: Gardasil & Gardasil 9 – Annual Sales Value (US\$ Million), 2016, 2017 & 2018

Figure 19-11: Gardasil and Gardasil 9 – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019

Figure 19-12: Cervarix – US & Europe Patent Expiration Year

Figure 19-13: Cervarix – Cost of Single Dose & Cost of Full Course (US\$/GBP Million), January'2020

Figure 19-14: Cervarix – Annual Sales Value (US\$/GBP Million), 2016 - 2018

Figure 19-15: Cervarix - Sales Share Europe v/s Rest of World (%), 2018

Figure 19-16: Cervarix – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019

Figure 19-17: Cervarix - Europe v/s Rest of World Sales Share (%), Q1-Q3, 2019

Figure 19-18: Provenge – Price for 250 ml Supply & Price per ml of Intravenous Suspension (US\$), January'2020

Figure 19-19: Provenge – Cost of Single Treatment Cycle & Cost of Full Treatment (US\$), January'2020

Figure 19-20: Vaxira – Cost for Single Injection & Single Dose (US\$), January'2020

Figure 19-21: Vaxira – Number of Doses in Induction & Maintenance Phase, January'2020

Figure 19-22: Vaxira – Dose Interval in Induction & Maintenance Phase (Week), January'2020

Figure 19-23: Vaxira – Duration of Induction & Maintenance Phase (Weeks), January'2020

Figure 19-24: Vaxira – Cost of Induction & Maintenance Phase (US\$), January'2020

Figure 19-25: CreaVax-RCC – Duration of Single Cycle & Full Treatment (Weeks), January'2020

Figure 20-1: Proleukin – Duration of Treatment by Phases (Hours), January'2020

Figure 20-2: Proleukin - Cost of Single Dose, Single Treatment Cycle & Full Treatment (US\$), January'2020

Figure 20-3: Proleukin – Number of Doses for Metastatic Renal Cell Carcinoma & Melanoma, January'2020

Figure 20-4: Proleukin – Average Cost For Treatment of Metastatic RCC & Melanoma, January'2020

Figure 20-5: Intron A – Price for a Supply of 10, 18 & 50 Million IU Powder for Injection (US\$), January'2020

Figure 20-6: Intron A – Price for a Supply of 6 & 10 Million IU/ml Intravenous Solution (US\$), January'2020

Figure 20-7: Intron A – Average Cost of Single Treatment Cycle for Hairy Cell Leukemia using Powder & Solution for Injection (US\$), January'2020

Figure 20-8: Intron A – Average Cost of Full Treatment for Course Hairy Cell Leukemia using Powder & Solution for Injection (US\$), January'2020

Figure 20-9: Intron A – Dose for Induction & Maintenance Phase for Malignant

Melanoma Treatment (Million IU/m²), January'2020

Figure 20-10: Intron A – Duration of Induction & Maintenance Phase for Malignant Melanoma Treatment (Weeks), January'2020

Figure 20-11: Intron A – Duration of Single Treatment Cycle & Full Treatment of Follicular Lymphoma (Weeks), January'2020

Figure 20-12: PegIntron - Patent Expiration Year by Region

Figure 20-13: PegIntron – Price for 4 Powder Supply & Price Per Unit of 120mg Powder for Injection (US\$), January'2020

Figure 20-14: PegIntron Monotherapy – Dose by Weight of Patient (mcg), January'2020

Figure 20-15: PegIntron Monotherapy – Reduced Dose by Weight of Patient (mcg), January'2020

Figure 20-16: Pegintron Combination – Duration of Treatment by Genotype (Weeks), January'2020

Figure 20-17: Sylatron – Price for 4 Powder Supply & Price per Unit of 120mg Powder for Injection (US\$), January'2020

Figure 20-18: Sylatron – Initial & Maintenance Dose (mcg/Kg/Week), January'2020

Figure 20-19: Sylatron – Duration of Initial Phase, Maintenance Phase & Full Treatment (Weeks), January'2020

Figure 20-20: Sylatron - Average Cost of Single Initial Dose & Full Initial Phase (US\$), January'2020

Figure 20-21: Sylatron - Average Cost of Single Maintenance Dose, Annual Maintenance Cost & Full Maintenance Phase (US\$), January'2020

Figure 20-22: Betaseron – Price for 14 Powder Supply & Price per Unit of 0.3mg Powder for Injection (US\$), January'2020

Figure 20-23: Betaseron – Dose Incrimination Pattern (mg/48 hours), January'2020

Figure 20-24: Betaseron – Sales Value (US\$/EUR Million), 2017 & 2018

Figure 20-25: Betaseron – US v/s ROW Sales Value (%), 2018

Figure 20-26: Betaseron – Quarterly Sales Value (US\$/EUR Million), 2018

Figure 20-27: Betaseron – Quarterly Sales Value (US\$/EUR Million), Q1 – Q3, 2019

Figure 20-28: Actimmune - FDA Approval & Patent Expiration Year

Figure 20-29: Actimmune – Price for 6ml Supply, 1 ml & price for Single Vial of 0.5ml Subcutaneous Solution (US\$), January' 2020

Figure 20-30: Actimmune – Average Cost of Single Dose & Single Treatment Cycle (US\$), January' 2020

Figure 20-31: Actimmune – Sales Value (US\$/EUR Million), 2017 & 2018

Figure 20-32: Actimmune – Quarterly Sales Value (US\$/EUR Million), Q1 – Q3, 2019

Figure 20-33: Ontack – Duration of Single Treatment Cycle & Full Treatment (Weeks), January' 2020

- Figure 20-34: Ontack – Average Minimum & Maximum Cost of Single Dose Administration (US\$), January' 2020
- Figure 20-35: Ontack – Average Minimum & Maximum Cost of Single Treatment Cycle (US\$), January' 2020
- Figure 21-1: Imlygic – US & European Patent Expiration Year
- Figure 21-2: Imlygic – Price of 1 Million PUF/ml & 100 Million PUF/ml Injectable Suspension (US\$), January'2020
- Figure 21-3: Imlygic – Concentration of Dose for Initial Treatment Cycle & Subsequent Treatment Cycle (Million PUF/ml), January'2020
- Figure 21-4: Imlygic – Average Price of Initial Treatment Cycle & Each Subsequent Treatment Cycle (US\$), January'2020
- Figure 21-5: Imlygic – Volume Administered by Size of Lesion (ml), January'2020
- Figure 22-1: Kymriah – FDA approval Year by Cancer Type
- Figure 22-2: Kymriah – Number of Patents in US, Europe & Japan
- Figure 22-3: Kymriah – Cost of Advanced Lymphoma Treatment (US\$ 000'), January'2020
- Figure 22-4: Kymriah – Cost of Acute Lymphoblastic Leukemia Treatment (US\$ 000'), January'2020
- Figure 22-5: Kymriah - Sales Value (US\$ Million), 2017 & 2018
- Figure 22-6: Kymriah – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019
- Figure 22-7: Yescarta - FDA Approval & US Patent Expiration Year
- Figure 22-8: Yescarta - Cost of Advanced Lymphoma Treatment (US\$ 000'), January'2020
- Figure 22-9: Yescarta - Sales Value (US\$ Million), 2017 & 2018
- Figure 22-10: Yescarta – Quarterly Sales Value (US\$ Million), Q1-Q3, 2018 & 2019
- Figure 28-1: Advaxis Clinical Pipeline
- Figure 28-2: Celldex Therapeutics Clinical Pipeline
- Figure 28-3: Expression Genetics Clinical Pipeline
- Figure 28-4: Galena Biopharma Clinical Pipeline
- Figure 28-5: ImmunoCellular Therapeutics Clinical Pipeline
- Figure 28-6: ImmunoGen Clinical Pipeline
- Figure 28-7: Inovio Pharmaceuticals Clinical Pipeline
- Figure 28-8: NewLink Genetics Corporation Clinical Pipeline
- Figure 28-9: Northwest Biotherapeutics Clinical Pipeline
- Figure 28-10: Peregrine Pharmaceuticals Clinical Pipeline
- Figure 28-11: Philogen Clinical Pipeline
- Figure 28-12: Seattle Genetics Clinical Pipeline

List Of Tables

LIST OF TABLES

Table 5-1: Different Monoclonal Antibodies Used in Cancer Immunotherapy

Table 7-1: Illustration of Some Important Checkpoint Inhibitors

Table 10-1: Few Important Immunocytokines under Clinical Development

Table 10-2: Some Pharmacologically Important Cytokines Used in Cancer Immunotherapies

Table 14-1: Few Commercially Important PD-1 Drugs

I would like to order

Product name: Global Cancer Immunotherapy Market Opportunity, Dosage, Price & Clinical Trials Insight 2026

Product link: <https://marketpublishers.com/r/GF9F4B89E757EN.html>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF9F4B89E757EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

