

Global Antibody Drug Conjugates Market By Drug (ADCETRIS, Kadcyla), Pipeline Analysis (By Phase, Mode of Action, Linker, Technology, and Indication) Outlook 2022

https://marketpublishers.com/r/G3C7AE5E775EN.html

Date: February 2017

Pages: 120

Price: US\$ 2,000.00 (Single User License)

ID: G3C7AE5E775EN

Abstracts

Antibody Drug Conjugates are monoclonal antibodies that are attached to biologically active drugs by chemical linkers with labile bonds. They combine the unique targeting property of monoclonal antibodies with the cancer cell killing ability of cytotoxic drugs. These allow discrimination between healthy and diseased tissues. Advancements in coupling monoclonal antibodies to cytotoxic drugs permit better control of drug pharmacokinetics, and significantly improve delivery to target tissue. Potent novel anticancer drugs can now be used to target cancers, while minimizing the exposure of healthy tissue. The recent approvals of two potent ADCs - ADCETRIS and Kadcyla, followed by several Antibody Drug Conjugates (ADCs) in pipeline highlight the potential for new therapeutic innovations in this industry.

According to the RNCOS report entitled "Global Antibody Drug Conjugates Market By Drug (ADCETRIS, Kadcyla), Pipeline Analysis (By Phase, Mode of Action, Linker, Technology, and Indication) Outlook 2022", the ADC market is poised to reach US\$ 18.1 Billion by 2022. In this report, there is in-depth market analysis of ADCETRIS and Kadcyla. The market potential of these ADCs is estimated considering that these are being tested in clinical trials for several cancer indications, besides the ones which have already been approved. The depicted ADCs are expected to show their complete market potential soon in the coming years.

Furthermore, in this report, we have structured the information regarding ADCs at various stages of clinical development that are under research or in collaboration, and those individually being developed by companies. The pipeline chapter provides in



depth analysis of ADCs of companies as well as research organizations by clinical phase, indications for which they are being developed, mode of action, type of linker, drugs, and technology. Additionally, the study provides all-inclusive current analysis of various ADCs in advanced as well as early stages of development. Moreover, our report places an emphasis on the major drivers and challenges, latest trends and developments, as well as strategic collaborations that can impact industry's growth.

In the end, the report enlists some of the key players in the ADC market including inshort business overview of each player along with their product and pipeline portfolios, recent developments, and comparative analysis of their strengths and weaknesses. Conclusively, the report will prove to be a complete and comprehensive source of knowledge and analysis for clients and potential investors or debut makers in this industry.



Contents

- 1. ANALYST VIEW
- 2. RESEARCH METHODOLOGY
- 3. ANTIBODY DRUG CONJUGATE (ADC) AN INTRODUCTION
- 4. ADC MARKET OUTLOOK TO 2022
- 4.1 ADCETRIS
 - 4.1.1 Market Potential
 - 4.1.2 Market Size and Forecast to 2022
- 4.2 Kadcyla
 - 4.2.1 Market Potential
 - 4.2.2 Market Size and Forecast to 2022

5. ADC PIPELINE ANALYSIS

- 5.1 By Companies
 - 5.1.1 By Clinical Phase
 - 5.1.2 By Indication
 - 5.1.3 By Drug
 - 5.1.4 By Type of Linker
 - 5.1.5 By Mode of Action
 - 5.1.6 By Technology
- 5.2 By Research Organizations
 - 5.2.1 By Phase
 - 5.2.2 By Indication
 - 5.2.3 By Drug
 - 5.2.4 By Type of Linker
 - 5.2.5 By Mode of Action

6. DRIVERS AND CHALLENGES

- 6.1 Drivers
 - 6.1.1 Rising Global Cancer Epidemics
 - 6.1.2 Advances in Linking Technologies Re-Instills Hope in ADC
 - 6.1.3 Efforts towards Patent Protection to Drive ADC Market



- 6.1.4 Increasing Demand for Antibody Drug Conjugates
- 6.2 Challenges
 - 6.2.1 Production Hurdles and Cost
 - 6.2.2 Inadequacy of Experienced Manufacturers
 - 6.2.3 Regulatory Challenges

7. MAJOR POTENTIAL ADCS IN PIPELINE

- 7.1 By Companies
 - 7.1.1 Glembatumumab Vedotin Therapeutics /CDX-011 Celldex
 - 7.1.2 Coltuximab Ravtansine/SAR3419 ImmunoGen Inc.
 - 7.1.3 Indatuximab Ravtansine/BT-062 Biotest
 - 7.1.4 Anti-PSMA ADC Therapeutic Progenics Pharmaceuticals
 - 7.1.5 Polatuzumab Vedotin/RG7596 Roche Genentech
 - 7.1.6 DMUC-4064A/RG7882 Roche Genentech
 - 7.1.7 Mirvetuximab Soravtansine/IMGN853 ImmunoGen Inc.
 - 7.1.8 Anti-guanylyl Cyclase C/Anti-GCC ADC Takeda Millennium
- 7.2 By Research
- 7.2.1 SGM-101 SurgiMab in Collaboration with Center for Human Drug Research, Netherlands
 - 7.2.2 Panitumumab-IRDye800 Eben Rosenthal/Stanford University
- 7.2.3 90Yttrium Ibritumomab Tiuxetan (Zevalin) Biogen Idec in Collaboration with Soroka University Medical Center
- 7.2.4 MOC31-PE Creative Biolabs in Collaboration with Oslo University Hospital

8. TRENDS AND DEVELOPMENTS

- 8.1 ADC at the Forefront of Treating Hematological Malignancies
- 8.2 ADCs Proving Advantageous for Breast Cancer Patients

9. STRATEGIC COLLABORATIONS IN THE ADC INDUSTRY

10. COMPETITIVE ASSESSMENT

- 10.1 Seattle Genetics, Inc.
- 10.2 F. Hoffman-La Roche Ltd.
- 10.3 ImmunoGen, Inc.
- 10.4 Bayer AG
- 10.5 Novartis AG



- 10.6 Takeda Pharmaceutical Company Limited
- 10.7 Immunomedics, Inc.
- 10.8 Agensys, Inc.
- 10.9 Concortis Biotherapeutics
- 10.10 NBE-Therapeutics



List Of Figures

LIST OF FIGURES:

Figure 3-1: ADC - Mechanism of Action

Figure 4-1: Global - ADC Market (Billion US\$), 2015-2022

Figure 4-2: Global - ADCETRIS Market (Billion US\$), 2015-2022

Figure 4-3: Global - Kadcyla Market (Billion US\$), 2015-2022

Figure 5-1: Global - ADCs Pipeline by Developing Organizations (%), 2016

Figure 5-2: Global – ADC Pipeline of Companies by Clinical Phase (%), 2016

Figure 5-3: Global - ADC Pipeline of Companies by Indication (%), 2016

Figure 5-4: Global - ADC Pipeline of Companies by Drug (%), 2016

Figure 5-5: Global – ADC Pipeline of Companies by Type of Linker (%), 2016

Figure 5-6: Global – ADC Pipeline of Companies by Mode of Action (%), 2016

Figure 5-7: Global – ADC Pipeline of Companies by Technology (%), 2016

Figure 5-8: Global – ADC Pipeline of Research Organization by Clinical Phase (%), 2016

Figure 5-9: Global – ADC Pipeline of Research Organization by Indication (%), 2016

Figure 5-10: Global – ADC Pipeline of Research Organization by Drug (%), 2016

Figure 5-11: Global – ADC Pipeline of Research Organization by Type of Linker (%), 2016

Figure 5-12: Global – ADC Pipeline of Research Organization by Mode of Action (%), 2016

Figure 10-1: Novartis AG - Net Sales Breakup by Business Segments (%), 2016

Figure 10-2: Novartis AG - Net Sales Breakup by Geography (%), 2016

Figure 10-3: Takeda Pharmaceutical Company Limited – Ethical Drugs Revenue Breakup by Geography (%), 2016

Figure 10-4: Immunomedics, Inc. - Revenue Breakup by Geography (%), 2016

Figure 10-5: Astellas Pharma Inc. - Sales Breakup by Business Segments (%), 2016

Figure 10-6: Astellas Pharma Inc. - Sales Breakup by Geography (%), 2016



List Of Tables

LIST OF TABLES:

- Table 4-1: Potential Patients for ADCETRIS (2012)
- Table 4-2: Ongoing Trials for ADCETRIS
- Table 4-3: Potential Patients for Kadcyla (2012)
- Table 4-4: Ongoing Trials for Kadcyla
- Table 5-1: Global ADC Pipeline of Companies
- Table 5-2: Global ADC Pipeline of Research Organization
- Table 9-1: Strategic Collaborations in the ADC Industry (2014-2016)
- Table 10-1: Top Companies by ADCs in Pipeline (2016)
- Table 10-2: Seattle Genetics, Inc. ADCs in Pipeline
- Table 10-3: Seattle Genetics, Inc. Key Financials (Million US\$), 2013-2015
- Table 10-4: Seattle Genetics, Inc. Strengths and Weaknesses
- Table 10-5: F. Hoffman-La Roche Ltd. ADCs in Pipeline
- Table 10-6: F. Hoffman-La Roche Ltd. Key Financials (Million US\$), 2013-2015
- Table 10-7: F. Hoffman-La Roche Ltd. Strengths and Weaknesses
- Table 10-8: ImmunoGen, Inc. ADCs in Pipeline
- Table 10-9: ImmunoGen, Inc. Key Financials (Million US\$), 2014-2016
- Table 10-10: ImmunoGen, Inc. Strengths and Weaknesses
- Table 10-11: Bayer AG ADCs in Pipeline
- Table 10-12: Bayer AG Key Financials (Million US\$), 2013-2015
- Table 10-13: Bayer AG Strengths and Weaknesses
- Table 10-14: Novartis AG ADCs in Pipeline
- Table 10-15: Novartis AG Key Financials (Million US\$), 2014-2016
- Table 10-16: Novartis International AG Strengths and Weaknesses
- Table 10-17: Takeda Pharmaceutical Company Limited ADCs in Pipeline
- Table 10-18: Millenium Pharmaceuticals ADCs in Pipeline
- Table 10-19: Takeda Pharmaceutical Company Limited Key Financials (Million US\$),
- 2014-2016
- Table 10-20: Immunomedics, Inc. ADCs in Pipeline
- Table 10-21: Immunomedics, Inc. Key Financials (Million US\$), 2014-2016
- Table 10-22: Agensys, Inc. ADCs in Pipeline
- Table 10-23: Astellas Pharma Inc. Key Financials (Million US\$), 2014-2016
- Table 10-24: Oxford BioTherapeutics ADCs in Pipeline
- Table 10-25: Concortis Biotherapeutics ADCs in Pipeline
- Table 10-26: NBE-Therapeutics ADCs in Pipeline



I would like to order

Product name: Global Antibody Drug Conjugates Market By Drug (ADCETRIS, Kadcyla), Pipeline

Analysis (By Phase, Mode of Action, Linker, Technology, and Indication) Outlook 2022

Product link: https://marketpublishers.com/r/G3C7AE5E775EN.html

Price: US\$ 2,000.00 (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/G3C7AE5E775EN.html