

Global CD47 Inhibitor Drug Clinical Trials Insight & Market Opportunity Outlook 2028

<https://marketpublishers.com/r/G66E3CA80F6AEN.html>

Date: September 2024

Pages: 240

Price: US\$ 3,000.00 (Single User License)

ID: G66E3CA80F6AEN

Abstracts

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

Global CD47 Inhibitor Drug Clinical Trials Insight & Market Opportunity Outlook 2028 Report Highlights

Global & Regional Market Opportunity Outlook

Insight On More Than 100 CD47 Inhibitor Drugs In Clinical Trials

Global CD47 Inhibitors Clinical Trials Insight By Company, Country, Indication & Phase

Orphan, Fast Track, Breakthrough Therapy Designation Insight

Key Drugs Initiation & Completion Year

CD47 Clinical Application & Development Outlook By Indication

CD47 Inhibitor Drugs Clinical Developments & Trends By Country

Global CD47 Inhibitor Drug Market Dynamics

Inhibition of the cell surface protein CD47 has emerged as a novel cancer immunotherapy approach that has piqued the interest of both academia and industry in the recent years. Cancer cells often overexpress CD47, which triggers the “don't eat

me" signal pathway, thereby helping malignant cells to escape immune surveillance. CD47 inhibitors seek to uncover cancer cells by inhibiting this protein, leaving them open to immune system attack, specifically through increased macrophage phagocytosis. Although no CD47 inhibitor is currently approved for therapeutic usage, the availability of candidates in phase 3 trials suggests that one may be approved in the coming years.

With multiple candidates at varying stages of development, the field of CD47 inhibitor research and development is rapidly evolving. Developed by Forty Seven, which is now a part of Gilead, magrolimab is among the most advanced CD47 inhibitors. In early stage clinical trials for hematological tumors, it has demonstrated encouraging outcomes, especially when combined with other cancer treatments. Furthermore, late stage clinical trials evaluating Magrolimab in solid cancer alongside conventional cancer treatments such as docetaxel, Nivolumab, Pembrolizumab, Azacitidine, and Venetoclax are now under progress.

Another significant candidate is Evorpaccept (ALX148) from ALX Oncology, a high affinity SIRP? fusion protein that inhibits CD47. Currently, evorpaccept is being assessed as a monotherapy and in combination with widely used anticancer drugs in a number of early phase clinical trials for a variety of solid and hematological tumors. Furthermore, a late-phase trial evaluating Evorpaccept in combination with Trastuzumab, Ramucirumab, and Paclitaxel for the treatment of HER2+ gastric cancer is also under progress. A number of other CD47 inhibitors, including as TQB 2928 (Chia Tai Tianqing Pharmaceutical), MP 0621 (Molecular Partners), IMC-002 (ImmuneOncia Therapeutics), and CC 90002 (Celgene), are in the early phases of clinical research. The emphasis on combination therapies is undoubtedly one of the key trends in clinical development. Combining CD47 inhibitors with other immunotherapies, targeted treatments, and chemotherapy is being studied in an effort to overcome resistance mechanisms and provide synergistic benefits.

Anticipated growth in the global market for CD47 inhibitors is attributed to the rising cancer incidence and increased use of immunotherapies in the upcoming years. The potential of CD47 inhibitors has been acknowledged by a number of prominent pharmaceutical companies, which has resulted in notable partnerships and acquisitions. The commercial interest in this field is demonstrated by Gilead Science's US\$ 4.9 billion acquisition of Forty Seven in 2020 and Pfizer's US\$ 2.26 billion acquisition of Trillium Therapeutics in 2021.

Although Chinese and American companies presently dominate the market, there is increasing participation from South Korea, Australia, Canada, and Japan. Through clinical research, companies such as Shaperon, InnobationBio, Bitterroot Bio, and ImmuneOncia Therapeutics are making strides with their CD47 inhibitors. The market is becoming increasingly competitive, with several firms striving for market share.

Therefore, for commercial success, differentiation based on safety profile, efficacy, and possible combination strategies will be essential.

The market for CD47 inhibitors has both opportunities and challenges. Strong commercial interest and encouraging clinical evidence point to substantial development potential. However, there are challenges to address, such managing toxicity profiles, coming up with the best combination plans, and demonstrating distinct therapeutic advantages over current treatments. As the field develops, biomarker development for response prediction and patient selection will probably become more crucial for clinical development as well as marketing tactics.

In conclusion, the market for CD47 inhibitors globally is an active rapidly expanding area of cancer immunotherapy. In the years to come, CD47 inhibitors could have a big impact on cancer therapy paradigms because there are several candidates in clinical development and a lot of commercial interest.

Contents

1. CD 47 AS NOVEL CANCER IMMUNOTHERAPY TARGET

2. GLOBAL CD47 INHIBITORS DRUG CLINICAL PIPELINE OVERVIEW

- 2.1 By Country
- 2.2 By Company
- 2.3 By Indication
- 2.4 By Patient Segment
- 2.5 By Phase
- 2.6 By Priority Status

3. CD47 INHIBITORS CLINICAL TRIALS INSIGHT BY COMPANY, COUNTRY, INDICATION & PHASE

- 3.1 Research
- 3.2 Preclinical
- 3.3 Phase I
- 3.4 Phase I/II
- 3.5 Phase II
- 3.6 Phase II/III
- 3.7 Phase III

4. GLOBAL CD47 INHIBITOR DRUG MARKET OPPORTUNITY OUTLOOK

- 4.1 Current Market Overview
- 4.2 Future Outlook & Opportunities

5. CD47 CLINICAL APPLICATION & DEVELOPMENT OUTLOOK BY INDICATION

- 5.1 Solid Cancers
 - 5.1.1 Breast Cancer
 - 5.1.2 Colorectal Cancer
 - 5.1.3 Lung Cancer
 - 5.1.4 Urogenital Cancer
 - 5.1.5 Gastrointestinal Cancer
- 5.2 Hematological Malignancies
 - 5.2.1 Lymphoma

- 5.2.2 Leukemia
- 5.2.3 Multiple Myeloma
- 5.2.4 Myelodysplastic Syndrome
- 5.3 Microbial Infections

6. CD47 INHIBITOR DRUGS CLINICAL DEVELOPMENTS & TRENDS BY COUNTRY

- 6.1 China
- 6.2 US
- 6.3 South Korea
- 6.4 Australia
- 6.5 Canada

7. GLOBAL CD47 INHIBITORS MARKET DYNAMICS

- 7.1 Favorable Parameters
- 7.2 Market Restraints

8. COMPETITIVE LANDSCAPE

- 8.1 Adagene
- 8.2 ALX Oncology
- 8.3 ImmuneOncia Therapeutics
- 8.4 ImmuneOnco Biopharma
- 8.5 Light Chain Bioscience
- 8.6 Phanes Therapeutics
- 8.7 Virtuoso Therapeutics

Figure2-1: Global – Number of CD47 Inhibitor Drugs Clinical Trial By Country,2022 Till2028

Figure2-2: Global – Number of CD47 Inhibitor Drugs In Clinical Pipeline By Company,2022 Till2028

Figure2-3: Global – Number of CD47 Inhibitor Drugs In Clinical Pipeline By Indication,2022 Till2028

Figure2-4: Global – Number of CD47 Inhibitor Drugs In Clinical Pipeline By Patient Segment,2022 Till2028

Figure2-5: Global – Number of CD47 Inhibitor Drugs In Clinical Pipeline By Phase,2022 Till2028

Figure2-6: Global – Number of CD47 Inhibitor Drugs In Clinical Pipeline By Priority Status,2022 Till2028

Figure 5-1: NI-1801 Phase I Study (NCT05403554) – Initiation & Completion Year

Figure 5-2: ALX148 Phase I Study (NCT05868226) – Initiation & Completion Year

Figure 5-3: Ligufalimab Phase II Study (NCT05382442) – Initiation & Completion Year

Figure 5-4: PT217 Phase I/II Study (NCT05652686) – Initiation & Completion Year

Figure 5-5: HMPL-A83 Phase I Study (NCT05429008) – Initiation & Completion Year

Figure 5-6: ALX148 Phase I Study (NCT05524545) – Initiation & Completion Year

Figure 5-7: PT217 Phase I/II Study (NCT05652686) – Initiation & Completion Year

Figure 5-8: AK117 Phase II Study (NCT05382442) – Initiation & Completion Year

Figure 5-9: AK117 Phase I/II Study (NCT05214482) – Initiation & Completion Year

Figure 5-10: AK117 Phase II Study (NCT05960955) – Initiation & Completion Year

Figure 5-11: Evorpacept Phase II/III Study (NCT05002127) – Initiation & Completion Year

Figure 5-12: PT886 Phase I/II Study (NCT05482893) – Initiation & Completion Year

Figure 5-13: CC-96673 Phase I Study (NCT04860466) – Initiation & Completion Year

Figure 5-14: HCB101 Phase I Study (NCT05892718) – Initiation & Completion Year

Figure 5-15: Evorpacept Phase I/II Study (NCT05025800) – Initiation & Completion Year

Figure 5-16: AK117 Phase I/II Study (NCT04980885) – Initiation & Completion Year

Figure 5-17: AK117 Phase I/II Study (NCT06387420) – Initiation & Completion Year

Figure 5-18: TQB2928 Phase I Study (NCT06008405) – Initiation & Completion Year

Figure 5-19: SL-172154 Phase I Study (NCT05275439) – Initiation & Completion Year

Figure 5-20: SL-172154 Phase Ib Study (NCT05275439) – Initiation & Completion Year

Figure 5-21: Ligufalimab Phase Ib Study (NCT04900350) – Initiation & Completion Year

Figure 6-1: South Korea - Prominent CD47 Inhibitor Developers

Figure 7-1: Global CD47 Inhibitors Market - Drivers & Opportunities

Figure 7-2: Global CD47 Inhibitors Market - Challenges & Restraints

Table 5-1: Breast Cancer – Some CD47 inhibitors In Clinical Trials

Table 5-2: Colorectal Cancer – Some CD47 inhibitors In Clinical Trials

Table 5-3: Lung Cancer – Some CD47 inhibitors In Clinical Trials

Table 5-4: Urogenital Cancer – Some CD47 inhibitors In Clinical Trials

Table 5-5: Gastrointestinal Cancer – Some CD47 inhibitors In Clinical Trials

Table 5-6: Lymphoma – Some CD47 inhibitors In Clinical Trials

Table 5-7: Leukemia – Some CD47 inhibitors In Clinical Trials

Table 5-8: Colorectal Cancer – Some CD47 inhibitors In Clinical Trials

Table 5-9: Myelodysplastic Syndrome – Some CD47 inhibitors In Clinical Trials

I would like to order

Product name: Global CD47 Inhibitor Drug Clinical Trials Insight & Market Opportunity Outlook 2028

Product link: <https://marketpublishers.com/r/G66E3CA80F6AEN.html>

Price: US\$ 3,000.00 (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/G66E3CA80F6AEN.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