

# **Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) - Pipeline Review, H2 2017**

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## **Abstracts**

Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) - Pipeline Review, H2 2017

### **SUMMARY**

Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) pipeline Target constitutes close to 25 molecules. Out of which approximately 23 molecules are developed by companies and remaining by the universities/institutes. The latest report Leukocyte Surface Antigen CD47 - Pipeline Review, H2 2017, outlays comprehensive information on the Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) - CD47 (Cluster of Differentiation 47) or integrin associated protein (IAP) is a transmembrane protein encoded by the CD47 gene. It has a role in both cell adhesions by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. It plays an important role in memory formation and synaptic plasticity in the hippocampus (By similarity). It acts as a receptor for SIRPA. Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and co-stimulates T-cell

activation. It plays an important role in membrane transport and/or integrin dependent signal transduction. It prevents premature elimination of red blood cells. The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 1, 3, 11 and 8 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively. Report covers products from therapy areas Oncology, Cardiovascular, Immunology and Metabolic Disorders which include indications Solid Tumor, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Non-Hodgkin Lymphoma, Multiple Myeloma (Kahler Disease), Myelodysplastic Syndrome, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), B-Cell Non-Hodgkin Lymphoma, Breast Cancer, Diffuse Large B-Cell Lymphoma, Lymphoma, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Atherosclerosis, Burkitt Lymphoma, Chronic Lymphocytic Leukemia (CLL), Colorectal Cancer, Cutaneous T-Cell Lymphoma, Diabetic Retinopathy, Follicular Lymphoma, Head And Neck Cancer, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Ischemia Reperfusion Injury, Kidney Transplant Rejection, Leukemias, Marginal Zone B-cell Lymphoma, Metastatic Breast Cancer, Metastatic Melanoma, Mycosis Fungoides, Non-Small Cell Lung Cancer, Ovarian Cancer, Pancreatic Cancer, Refractory Multiple Myeloma, Relapsed Multiple Myeloma and T-Cell Lymphomas.

Furthermore, this report also reviews key players involved in Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) targeted therapeutics development with respective active and dormant or discontinued projects. Driven by data and information sourced from proprietary databases, company/university websites, clinical trial registries, conferences, SEC filings, investor presentations and featured press releases from company/university sites and industry-specific third party sources.

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

## SCOPE

The report provides a snapshot of the global therapeutic landscape for Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47)

The report reviews Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) targeted therapeutics under development by companies and

universities/research institutes based on information derived from company and industry-specific sources

The report covers pipeline products based on various stages of development ranging from pre-registration till discovery and undisclosed stages

The report features descriptive drug profiles for the pipeline products which includes, product description, descriptive MoA, R&D brief, licensing and collaboration details & other developmental activities

The report reviews key players involved in Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) targeted therapeutics and enlists all their major and minor projects

The report assesses Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) targeted therapeutics based on mechanism of action (MoA), route of administration (RoA) and molecule type

The report summarizes all the dormant and discontinued pipeline projects

The report reviews latest news and deals related to Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) targeted therapeutics

## **REASONS TO BUY**

Gain strategically significant competitor information, analysis, and insights to formulate effective R&D strategies

Identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage

Identify and understand the targeted therapy areas and indications for Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47)

Identify the use of drugs for target identification and drug repurposing

Identify potential new clients or partners in the target demographic

Develop strategic initiatives by understanding the focus areas of leading companies

Plan mergers and acquisitions effectively by identifying key players and it's most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) development landscape

Develop and design in-licensing and out-licensing strategies by identifying prospective partners with the most attractive projects to enhance and expand business potential and scope

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GigaGen Inc

Hummingbird Bioscience Pte Ltd

NovImmune SA

PharmAbcine Inc

Surface Oncology Inc

Synthon Holdings BV

Trillium Therapeutics Inc

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Dec 11, 2017: Trillium Therapeutics Provides Update on Its TTI-621 Program at the American Society of Hematology 59th Annual Meeting

Dec 06, 2017: Forty Seven Receives \$5 Million Grant from The California Institute for Regenerative Medicine (CIRM) to Support Ongoing Clinical Trial in Acute Myeloid Leukemia

Nov 13, 2017: Trillium Therapeutics TTI-621 Program Featured at the Society for Immunotherapy of Cancer 32nd Annual Meeting

Nov 13, 2017: Alexo Therapeutics to Present ALX148 Preclinical Data at the 59th American Society of Hematology Annual Meeting (ASH)

Nov 10, 2017: Alexo Therapeutics Presents Preliminary Results from ALX148 Phase 1 Clinical Trial in Patients with Advanced Solid Tumors and Lymphoma

Oct 05, 2017: Alexo Therapeutics to Present ALX148 Clinical Data at the 32nd Annual Meeting of the Society for Immunotherapy of Cancer (SITC)

Jun 07, 2017: Trillium Expands Clinical Trial with TTI-621 to Include Combination with PD-1 Blockade

May 31, 2017: Trillium Therapeutics Announces Presentation on TTI-621 Immune Checkpoint Inhibitor Targeting CD47 at 2017 ASCO Annual Meeting



Apr 10, 2017: Alexo Therapeutics Announces Initiation of Phase 1 Clinical Trial of ALX148 for the Treatment of Advanced Solid Tumors and Lymphoma

Apr 05, 2017: The Leukemia & Lymphoma Society Expands its Innovative Therapy Acceleration Program with a Novel Immunotherapy for Lymphoma Patients

Apr 03, 2017: Trillium Therapeutics Presents TTI-621 Preclinical Data at AACR Annual Meeting and Provides Clinical Update

Mar 31, 2017: Aurigene to Present Data on CD47-SIRP $\alpha$  interaction program at the AACR 2017

Mar 15, 2017: Patents Licensed to Synthon Relating to the CD47-SIRP $\alpha$  Pathway Resist Challenges in the U.S. and Europe

Feb 24, 2017: Trillium Therapeutics Provides Additional Details on ASCO-SITC Conference Presentation on TTI-621

Feb 15, 2017: Trillium Therapeutics to Present New Data from TTI-621 Phase 1 Trial

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Aurigene Discovery Technologies Ltd

Celgene Corp

Forty Seven Inc

GigaGen Inc

Hummingbird Bioscience Pte Ltd

NovImmune SA

PharmAbcine Inc

Surface Oncology Inc

Synthon Holdings BV

Trillium Therapeutics Inc

## I would like to order

Product name: Leukocyte Surface Antigen CD47 (Antigenic Surface Determinant Protein OA3 or Integrin Associated Protein or Protein MER6 or CD47) - Pipeline Review, H2 2017

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