

# Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) - Pipeline Review, H1 2018

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# **Abstracts**

Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) - Pipeline Review, H1 2018

## **SUMMARY**

Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) pipeline Target constitutes close to 22 molecules. Out of which approximately 20 molecules are developed by companies and remaining by the universities/institutes. The latest report Tumor Necrosis Factor Receptor Superfamily Member 5 - Pipeline Review, H1 2018, outlays comprehensive information on the Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) - Tumor Necrosis Factor Receptor Superfamily Member 5 is a member of the TNF-receptor superfamily. This protein is a receptor on antigen-presenting cells of the immune system and is essential for mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal



center formation. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis. The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 6, 7, 4 and 3 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively. Report covers products from therapy areas Oncology, Immunology, Gastrointestinal, Genito Urinary System And Sex Hormones, Central Nervous System, Hormonal Disorders and Metabolic Disorders which include indications Solid Tumor, Melanoma, Non-Small Cell Lung Cancer, Pancreatic Cancer, Gastric Cancer, Kidney Transplant Rejection, Ovarian Cancer, Bladder Cancer, Breast Cancer, Cervical Cancer, Colorectal Cancer, Crohn's Disease (Regional Enteritis), Lymphoma, Metastatic Breast Cancer, Metastatic Colorectal Cancer, Metastatic Pancreatic Cancer, Adenocarcinoma Of The Gastroesophageal Junction, Bile Duct Cancer (Cholangiocarcinoma), Central Nervous System (CNS) Tumor, Diffuse Large B-Cell Lymphoma, Esophageal Cancer, Focal Segmental Glomerulosclerosis (FSGS), Follicular Lymphoma, Gastroesophageal (GE) Junction Carcinomas, Graves Diseases, Head And Neck Cancer, Heart Transplant Rejection, Hepatic (Liver) Tumor, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Hyperthyroidism, Kidney Cancer (Renal Cell Cancer), Liver Transplant Rejection, Lupus Nephritis, Membranous Glomerulonephritis, Metastatic Adenocarcinoma of The Pancreas, Metastatic Melanoma, Metastatic Ovarian Cancer, Metastatic Transitional (Urothelial) Tract Cancer, Multiple Sclerosis. Myasthenia Gravis, Pancreatic Ductal Adenocarcinoma, Pancreatic Islet Transplant Rejection, Pediatric Diffuse Intrinsic Pontine Glioma, Primary Biliary Cirrhosis, Prostate Cancer, Rheumatoid Arthritis, Sicca Syndrome (Sjogren), Type 1 Diabetes (Juvenile Diabetes) and Ulcerative Colitis.

Furthermore, this report also reviews key players involved in Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) 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 Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40)

The report reviews Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) 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 Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) targeted therapeutics and enlists all their major and minor projects

The report assesses Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) 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 Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) 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 Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40)

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 Tumor Necrosis Factor Receptor Superfamily Member 5 (B Cell Surface Antigen CD40 or Bp50 or CDw40 or CD40L Receptor or TNFRSF5 or CD40) 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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Apogenix AG

BioNTech AG

Boehringer Ingelheim GmbH

Celldex Therapeutics Inc

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F. Hoffmann-La Roche Ltd

Johnson & Johnson

Kyowa Hakko Kirin Co Ltd

**Novartis AG** 

Seattle Genetics Inc

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Featured News & Press Releases

Nov 30, 2017: Celldex Therapeutics Initiates Phase 1 Study of New Product Candidate CDX-1140 in Solid Tumors

Nov 07, 2017: Results from Alligator Biosciences clinical phase I study support further clinical development of ADC-1013

Oct 31, 2017: Apexigen Announces Late-Breaking Oral Presentation for Immune Activating Antibody APX005M at the 2017 Society for Immunotherapy of Cancer Annual Meeting

Oct 25, 2017: Apexigen Announces New Collaboration with UCSF

Sep 21, 2017: Alligator Bioscience to present ADC-1013 intratumoral clinical phase I study results at SITC in November 2017

Sep 20, 2017: The Parker Institute for Cancer Immunotherapy and the Cancer Research Institute Announce First Patients Treated in Pancreatic Cancer Clinical Trial Combining Immunotherapy and Chemotherapy

Jul 17, 2017: Apexigen Announces First Patient Dosed in Phase 1b/2 Clinical Trial of APX005M in Combination with Opdivo (nivolumab) in Advanced Solid Tumors

May 10, 2017: Boehringer Ingelheim Phase II trial Now Enrolling Patients with the Kidney Disease Lupus Nephritis

May 04, 2017: Alligator Bioscience presents promising immuno-oncology data at US conference; - Strong new preclinical findings for ADC-1013

Apr 28, 2017: Alligator Bioscience to present new pre-clinical data for ADC-1013 at PEGS conference in Boston, May

Apr 03, 2017: Phase I Clinical Trial Completes Using Cell Line Expertise at Cobra



# **Biologics**

Mar 23, 2017: Alligator announces completion of first phase I study with CD40 agonistic immuno-oncology antibody ADC-1013

Mar 21, 2017: Phase 1/2 Clinical Trial of Apexigen's APX005M in Combination with Pembrolizumab (Keytruda) Opens for Metastatic Melanoma Patients

Dec 05, 2016: Celldex Presents Data on CDX-1140, a Novel CD40 Agonist Antibody for Hematologic and Solid Malignancies, at the American Society of Hematology Annual Meeting

Nov 14, 2016: Celldex Presents Data on New Product Candidate, CDX-1140, a Novel CD40 Agonist Antibody

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AbbVie Inc

Apexigen Inc

Apogenix AG

BioNTech AG

Boehringer Ingelheim GmbH

Celldex Therapeutics Inc

**Denceptor Therapeutics Ltd** 

F. Hoffmann-La Roche Ltd

Johnson & Johnson

Kyowa Hakko Kirin Co Ltd

Novartis AG

Seattle Genetics Inc.



## I would like to order

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