

Tumor Necrosis Factor Receptor Superfamily Member 4 - Pipeline Review, H2 2019

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Abstracts

Tumor Necrosis Factor Receptor Superfamily Member 4 - Pipeline Review, H2 2019

SUMMARY

Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) - Tumor Necrosis Factor Receptor Superfamily Member 4 or OX40 is a member of the TNF-receptor superfamily. This receptor has been shown to activate NFkappaB through its interaction with adaptor proteins TRAF2 and TRAF5. OX40L binds to OX40 receptors on T-cells, preventing them from dying and subsequently increasing cytokine production. OX40 has a critical role in the maintenance of an immune response. OX40 also plays a crucial role in both Th1 and Th2 mediated reactions.

Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) pipeline Target constitutes close to 26 molecules. Out of which approximately 25 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase II, Phase I, IND/CTA Filed, Preclinical and Discovery stages are 4, 4, 2, 7 and 8 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively.

Report covers products from therapy areas Oncology, Infectious Disease, Dermatology, Gastrointestinal, Immunology and Metabolic Disorders which include indications Solid Tumor, Head And Neck Cancer Squamous Cell Carcinoma, Melanoma, Bladder Cancer, Non-Small Cell Lung Cancer, Cervical Cancer, Colorectal Cancer,



Hematological Tumor, Metastatic Melanoma, Renal Cell Carcinoma, Adenocarcinoma Of The Gastroesophageal Junction, Atopic Dermatitis (Atopic Eczema), B-Cell Non-Hodgkin Lymphoma, Bile Duct Cancer (Cholangiocarcinoma), Breast Cancer, Colon Cancer, Diffuse Large B-Cell Lymphoma, Endometrial Cancer, Esophageal Cancer, Gastric Cancer, Hepatitis B, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Hypopharyngeal Cancer, Kidney Cancer (Renal Cell Cancer), Laryngeal Cancer, Lung Cancer, Malignant Mesothelioma, Malignant Pleural Mesothelioma, Metastatic Breast Cancer, Metastatic Cancer, Metastatic Ovarian Cancer, Metastatic Renal Cell Carcinoma, Metastatic Transitional (Urothelial) Tract Cancer, Methicillin-Resistant Staphylococcus aureus (MRSA) Infections, Oral Cavity (Mouth) Cancer, Oropharyngeal Cancer, Ovarian Cancer, Pancreatic Cancer, Prostate Cancer, Small-Cell Lung Cancer, Soft Tissue Sarcoma, Squamous Cell Carcinoma, Squamous Non-Small Cell Lung Cancer, Transitional Cell Carcinoma (Urothelial Cell Carcinoma), Transplant Rejection, Type 1 Diabetes (Juvenile Diabetes) and Ulcerative Colitis.

The latest report Tumor Necrosis Factor Receptor Superfamily Member 4 - Pipeline Review, H2 2019, outlays comprehensive information on the Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type. It also reviews key players involved in Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) targeted therapeutics development with respective active and dormant or discontinued projects.

The report is built using 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 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or



CD134 or TNFRSF4)

The report reviews Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) 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 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) targeted therapeutics and enlists all their major and minor projects

The report assesses Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) 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 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) 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 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4)

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 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) 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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Innovent Biologics Inc



Invenra Inc **JN Biosciences LLC** Johnson & Johnson Kyowa Kirin Co Ltd Sahane Biotech Inc Shanghai Henlius Biotech Inc Shattuck Labs Inc Transcenta Holding Ltd Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or **TNFRSF4)** - Drug Profiles ABBV-368 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress ABM-193 - Drug Profile **Product Description** Mechanism Of Action R&D Progress Antibody to Antagonize OX40 for Oncology - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress AP-201 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress APVO-603 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress ATOR-1015 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress Bispecific Monoclonal Antibodies to Agonize FCGR2A, FCGR2B and TNFRSF4 for Methicillin-Resistant Staphylococcus aureus Infections - Drug Profile **Product Description** Mechanism Of Action



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Tumor Necrosis Factor Receptor Superfamily Member 4 (ACT35 Antigen or TAX Transcriptionally Activated Glycoprotein 1 Receptor or OX40L Receptor or CD134 or TNFRSF4) - Dormant Products

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Featured News & Press Releases

Sep 19, 2019: Aptevo Therapeutics introduces new Adaptir Bispecific Antibody candidate intended for the treatment of solid tumors

May 16, 2019: Alligator Bioscience to present the ATOR-1015 Phase I study outline at ASCO

May 06, 2019: Shattuck Labs announces initiation of Phase 1 clinical trial of SL-279252 (PD1/OX40L)

Apr 11, 2019: Alligator Bioscience: Preclinical data on the tumor-localizing anti-CTLA-4 antibody ATOR-1015 published in the Journal for ImmunoTherapy of Cancer

Apr 10, 2019: Alligator Bioscience to present new preclinical data on ATOR-1015 at PEGS Boston

Mar 07, 2019: Alligator Bioscience: First patient dosed in phase I study of ATOR-1015 Feb 20, 2019: GigaGen Publishes Study Demonstrating Optimal Method for Selecting OX40 Therapeutic Candidates from Antibody Repertoires

Feb 14, 2019: Innovent starts treatment in IBI101 monoclonal antibody trial

Dec 11, 2018: Alligator Bioscience starts clinical phase I study with ATOR-1015

Dec 04, 2018: Innovent receives an approval from the US FDA to initiate clinical trials for its Anti-OX40 Monoclonal Antibody IBI101

Jul 25, 2018: Innovent receives IND approval to initiate clinical trials in china with its anti-OX40 Agonistic Antibody IBI101

Jul 19, 2018: Alligator Bioscience submits application to start clinical phase I study in cancer patients with ATOR-1015, a unique CTLA-4 and OX40 binding antibody

Apr 17, 2018: Alligator Bioscience presents ATOR-1015 preclinical data at the AACR Annual Meeting 2018 confirming localized tumor activation

Jan 25, 2018: Alligator Bioscience contracts Theradex Oncology as clinical CRO for the forthcoming Phase I study with ATOR-1015

Jul 08, 2017: Alligator contracts BioInvent for process development and cGMP manufacturing of the immuno-oncology drug candidate ADC-1015

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