

Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) - Pipeline Review, H1 2019

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Abstracts

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SUMMARY

Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) - CTLA4 also known as CD152 is a protein receptor found on the surface of T cells. It functions as an immune checkpoint and down regulates the immune system. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory co-receptor CD28. Inhibition of receptor acts as a major negative regulator of T-cell responses.

Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) pipeline Target constitutes close to 56 molecules. Out of which approximately 55 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Pre-Registration, Phase III, Phase II, Phase I, IND/CTA Filed, Preclinical and Discovery stages are 1, 2, 7, 15, 2, 22 and 6 respectively. Similarly, the universities portfolio in Discovery stages comprises 1 molecules, respectively.

Report covers products from therapy areas Oncology, Immunology and Infectious Disease which include indications Solid Tumor, Melanoma, Non-Small Cell Lung Cancer, Metastatic Melanoma, Metastatic Breast Cancer, Adenocarcinoma Of The Gastroesophageal Junction, Breast Cancer, Cervical Cancer, Gastric Cancer, Head And Neck Cancer Squamous Cell Carcinoma, Renal Cell Carcinoma, Small-Cell Lung 🜈 Market Publishers

Cancer, Colon Cancer, Hepatocellular Carcinoma, Metastatic Colorectal Cancer, Anal Cancer, Bladder Cancer, Colorectal Cancer, Endometrial Cancer, Epithelial Ovarian Cancer, Fallopian Tube Cancer, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Metastatic Transitional (Urothelial) Tract Cancer, Muscle Invasive Bladder Cancer (MIBC), Nasopharyngeal Cancer, Non-Hodgkin Lymphoma, Ovarian Cancer, Peritoneal Cancer, Recurrent Head And Neck Cancer Squamous Cell Carcinoma, Squamous Non-Small Cell Lung Cancer, Anaplastic Thyroid Cancer, Esophageal Cancer, Gastroesophageal (GE) Junction Carcinomas, Germ Cell Tumors, Hematological Tumor, Lymphoma, Malignant Pleural Mesothelioma, Medullary Thyroid Cancer, Merkel Cell Carcinoma, Metastatic Pancreatic Cancer, Multiple Myeloma (Kahler Disease), Myelodysplastic Syndrome, Neuroblastoma, Neuroendocrine Gastroenteropancreatic Tumors (GEP-NET), Osteosarcoma, Prostate Cancer, Salivary Gland Cancer, Vaginal Cancer, Vulvar Cancer, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Adenoid Cystic Carcinoma (ACC), Adrenal Gland Cancer, Adrenocortical Carcinoma (Adrenal Cortex Cancer), Advanced Malignancy, Basal Cell Carcinoma (Basal Cell Epithelioma), Bile Duct Cancer (Cholangiocarcinoma), Chronic Lymphocytic Leukemia (CLL), Chronic Myelocytic Leukemia (CML, Chronic Myeloid Leukemia), Dedifferentiated Liposarcoma, Diffuse Large B-Cell Lymphoma, Dysgerminoma, Ependymoma, Epstein-Barr Virus (HHV-4) Infections, Ewing Sarcoma, Follicular Thyroid Cancer, Gallbladder Cancer, Germinomatous (Seminomatous) Germ Cell Tumors, Glioblastoma Multiforme (GBM), Gliosarcoma, Graft Versus Host Disease (GVHD), Head And Neck Cancer, High-Grade Glioma, Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Hormone-Sensitive Prostate Cancer, Kaposi Sarcoma, Leukemias, Liver Cancer, Malignant Fibrous Histiocytoma, Malignant Mesothelioma, Medulloblastoma, Meningioma, Metastatic Biliary Tract Cancer, Metastatic Cancer, Metastatic Hepatocellular Carcinoma (HCC), Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Metastatic Liver Cancer, Metastatic Lung Cancer, Metastatic Prostate Cancer, Metastatic Renal Cell Carcinoma, Metastatic Uveal Melanoma, Non-Small Cell Lung Carcinoma, Nongerminomatous (Nonseminomatous) Germ Cell Tumors, Oral Cavity (Mouth) Cancer, Oropharyngeal Cancer, Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Papillary Renal Cell Carcinoma, Papillary Thyroid Cancer, Pediatric Diffuse Intrinsic Pontine Glioma, Penile Cancer, Primitive Neuroectodermal Tumor (PNET), Refractory Multiple Myeloma, Relapsed Multiple Myeloma, Rhabdomyosarcoma, Sarcomas, Soft Tissue Sarcoma, Squamous Cell Carcinoma, Transitional Cell Cancer (Urothelial Cell Cancer), Transitional Cell Carcinoma (Urothelial Cell Carcinoma), Ureter Cancer, Urethral Cancer, Urinary Tract Cancer and Uveal Melanoma.



The latest report Cytotoxic T Lymphocyte Protein 4 - Pipeline Review, H1 2019, outlays comprehensive information on the Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) 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 Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) targeted therapeutics development with respective active and dormant or discontinued projects.

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 Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4)

The report reviews Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) 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 Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) targeted therapeutics and enlists all their major and minor projects

The report assesses Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) 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 Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) 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 Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4)

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 Cytotoxic T Lymphocyte Protein 4 (Cytotoxic T Lymphocyte Associated Antigen 4 or CD152 or CTLA4) 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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COMPANIES MENTIONED

Aduro BioTech Inc Agenus Inc Alligator Bioscience AB Alpine Immune Sciences Inc Apollomics Inc Avacta Life Sciences Ltd **BeyondSpring Inc** Biocad Bristol-Myers Squibb Co Cellective BioTherapy Inc **Cold Genesys Inc** Five Prime Therapeutics Inc GigaGen Inc Immunocore Ltd Immunwork Inc **Innovent Biologics Inc** Inovio Pharmaceuticals Inc JHL Biotech Inc MacroGenics Inc MedImmune LLC Merck & Co Inc Oncolmmune Inc PharmAbcine Inc

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