

Toll Like Receptor 3 (CD283 or TLR3) Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

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Abstracts

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SUMMARY

Toll Like Receptor 3 (CD283 or TLR3) - Toll-like receptor 3 (TLR3) is a protein encoded by the TLR3 gene. It controls host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-stranded RNA, a sign of viral infection. It acts via the adapter TRIF/TICAM1, leading to NF-kappa-B activation, IRF3 nuclear translocation, cytokine secretion and the inflammatory response.

Toll Like Receptor 3 (CD283 or TLR3) pipeline Target constitutes close to 13 molecules. Out of which approximately 11 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase III, Phase II, Phase I, IND/CTA Filed, Preclinical and Discovery stages are 1, 3, 1, 1, 3 and 2 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively.

Report covers products from therapy areas Oncology, Infectious Disease, Central Nervous System, Gastrointestinal, Immunology and Respiratory which include indications Coronavirus Disease 2019 (COVID-19), Melanoma, Epithelial Ovarian Cancer, Human Immunodeficiency Virus (HIV) Infections (AIDS), Metastatic Colorectal Cancer, Peritoneal Cancer, Unspecified Cancer, Acute Inflammation, Bladder Cancer, Breast Cancer, Chronic Fatigue Syndrome (Myalgic Encephalomyelitis), Chronic



Inflammation, Cognitive Disorders, Colon Cancer, Colorectal Cancer, Cutaneous T-Cell Lymphoma, Fallopian Tube Cancer, Gastric Cancer, Gastroesophageal (GE) Junction Carcinomas, Head And Neck Cancer, Head And Neck Cancer Squamous Cell Carcinoma, Hepatitis B, Hepatocellular Carcinoma, Human Epidermal Growth Factor Receptor 2 Positive Breast Cancer (HER2+ Breast Cancer), Influenza A Virus, H3N2 Subtype Infections, Kidney Cancer (Renal Cell Cancer), Malignant Pleural Mesothelioma, Merkel Cell Carcinoma, Metastatic Adenocarcinoma of The Pancreas, Metastatic Breast Cancer, Metastatic Melanoma, Metastatic Pancreatic Cancer, Non Muscle Invasive Bladder Cancer (NMIBC) (Superficial Bladder Cancer), Non-Small Cell Lung Cancer, Ovarian Cancer, Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Prostate Cancer, Pulmonary Inflammation, Renal Cell Carcinoma, Rhinovirus Infections, Sarcomas, Severe Acute Respiratory Syndrome (SARS), Soft Tissue Sarcoma, Transitional Cell Carcinoma (Urothelial Cell Carcinoma) and Triple-Negative Breast Cancer (TNBC).

The latest report Toll Like Receptor 3 - Drugs In Development, 2022, outlays comprehensive information on the Toll Like Receptor 3 (CD283 or TLR3) 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 Toll Like Receptor 3 (CD283 or TLR3) 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 Toll Like Receptor 3 (CD283 or TLR3)

The report reviews Toll Like Receptor 3 (CD283 or TLR3) 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 Toll Like Receptor 3 (CD283 or TLR3) targeted therapeutics and enlists all their major and minor projects

The report assesses Toll Like Receptor 3 (CD283 or TLR3) 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 Toll Like Receptor 3 (CD283 or TLR3) 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 Toll Like Receptor 3 (CD283 or TLR3)

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 Toll Like Receptor 3 (CD283 or TLR3) 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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Featured News & Press Releases

Mar 09, 2022: AIM ImmunoTech announces abstract from university of Pittsburgh medical center accepted for presentation at the AACR 2022 annual meeting Mar 09, 2022: AIM ImmunoTech announces abstracts from Roswell Park Comprehensive Cancer Center accepted for presentation in a late-breaking poster session at the AACR 2022 annual meeting

Mar 08, 2022: AIM ImmunoTech announces publication of positive data from late-stage pancreatic cancer Early Access Program (EAP) in the cancers special issue: combination and innovative therapies for Pancreatic Cancer

Jan 24, 2022: AIM ImmunoTech announces publication of positive results from phase 1/2 study of intraperitoneal chemo-immunotherapy in advanced recurrent ovarian cancer

Dec 09, 2021: AIM ImmunoTech's Ampligen safety data presented at Eighth European Scientific Working Group on Influenza

Dec 02, 2021: Highlight Therapeutics & Cima announce positive results from pre-clinical study combining BO112 + STING agonist published in Journal for ImmunoTherapy of Cancer

Nov 12, 2021: Positive phase 2b results in 2nd line melanoma

Oct 19, 2021: AIM ImmunoTech submits IND and accompanying fast track application for phase 2 trial of Ampligen in patients with locally advanced or metastatic late-stage pancreatic cancer

Oct 06, 2021: AIM ImmunoTech publishes phase 1 clinical study data supporting the safety of Ampligen as an intranasal therapy

Oct 04, 2021: AIM ImmunoTech provides clinical updates on planned phase 2 study of Ampligen in patients with locally advanced or metastatic late-stage pancreatic cancer Sep 29, 2021: AIM seeks FDA approval to conduct Phase II Covid-19 therapy trials

Sep 27, 2021: AIM ImmunoTech files provisional patent application for Ampligen as an early-onset intranasal therapy that may also confer enhanced immunity to a wide range of respiratory viruses

Sep 21, 2021: AIM ImmunoTech announces positive progress on requested FDA meeting for proposed Ampligen clinical trial in post-COVID-19 cognitive dysfunction Sep 20, 2021: AIM ImmunoTech provides an update on its pending phase 2a human challenge trial using its drug Ampligen

Sep 09, 2021: AIM seeks FDA approval for Phase II trial of Ampligen for Covid-19 Appendix

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