

# Toll Like Receptor 3 (CD283 or TLR3) - Pipeline Review, H1 2018

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## Abstracts

Toll Like Receptor 3 (CD283 or TLR3) - Pipeline Review, H1 2018

### SUMMARY

Toll Like Receptor 3 (CD283 or TLR3) - Toll-like receptor 3 (TLR3) is a protein encoded by the TLR3 gene. It control 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 9 molecules. Out of which approximately 7 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Filing rejected/Withdrawn, Phase II, Phase I, Preclinical and Discovery stages are 1, 2, 2, 1 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively. Report covers products from therapy areas Infectious Disease, Oncology, Gastrointestinal, Immunology, Central Nervous System and Respiratory which include indications Breast Cancer, Renal Cell Carcinoma, Acute Inflammation, Bladder Cancer, Chronic Fatigue Syndrome (Myalgic Encephalomyelitis), Chronic Inflammation, Colon Cancer, Cutaneous T-Cell Lymphoma, Ebolavirus Infections (Ebola Hemorrhagic Fever), Head And Neck Cancer Squamous Cell Carcinoma, Hepatitis B, Hepatitis C, Human Immunodeficiency Virus (HIV) Infections (AIDS), Inflammation, Influenza A Virus, H3N2 Subtype Infections, Liver Cancer, Lymphoma, Melanoma, Merkel Cell Carcinoma, Metastatic Colorectal Cancer, Metastatic Melanoma, Metastatic Pancreatic Cancer, Non-Small Cell Lung Cancer, Ovarian Cancer, Pancreatic Cancer,

Peritoneal Cancer, Prostate Cancer, Pulmonary Inflammation, Rhinovirus Infections, Sarcomas, Severe Acute Respiratory Syndrome (SARS), Solid Tumor, Ulcerative Colitis, West Nile Virus Infections and Zika Virus Infections.

The latest report Toll Like Receptor 3 (CD283 or TLR3) - Pipeline Review, H1 2018, 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

## Contents

Introduction

Global Markets Direct Report Coverage

Toll Like Receptor 3 (CD283 or TLR3) - Overview

Toll Like Receptor 3 (CD283 or TLR3) - Therapeutics Development

Products under Development by Stage of Development

Products under Development by Therapy Area

Products under Development by Indication

Products under Development by Companies

Products under Development by Universities/Institutes

Toll Like Receptor 3 (CD283 or TLR3) - Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Toll Like Receptor 3 (CD283 or TLR3) - Companies Involved in Therapeutics Development

Bioncotech Therapeutics SL

Hemispherx Biopharma Inc

MultiCell Technologies Inc

Oncovir Inc

Toll Like Receptor 3 (CD283 or TLR3) - Drug Profiles

Antibody to Antagonize TLR3 for Acute and Chronic Inflammatory Diseases - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BO-112 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

MCT-465 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

P-7 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Poly-ICLC - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

PrEP-001 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

PRV-300 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

rintatolimod - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Antagonize TLR-3 for Gastrointestinal Syndrome - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Toll Like Receptor 3 (CD283 or TLR3) - Dormant Products

Toll Like Receptor 3 (CD283 or TLR3) - Discontinued Products

Toll Like Receptor 3 (CD283 or TLR3) - Product Development Milestones

Featured News & Press Releases

Apr 17, 2018: Hemispherx Successfully Completes Production of More Than 8,500 Vials of Ampligen for Commercial Sales and Expanded Clinical Programs

Apr 04, 2018: Hemispherx Expands Ampligen Early Access Programme to Canada to Treat ME/CFS Patients

Mar 05, 2018: Hemispherx to Present Ampligen at the 30th Annual ROTH Conference

Feb 26, 2018: Hemispherx To Supply Ampligen for Pancreatic Cancer Patients in Canada Under Special Access Program

Jan 31, 2018: Hemispherx's Ampligen Highlighted in Review of Role of TLR3 Agonist Support for "Universal" Flu Immunization Development Programs

Jan 26, 2018: Hemispherx Announces Presentation on the Potential Role of Ampligen as an Immune System Amplifier Improving Seasonal Flu Vaccine Cross-Protection

Jan 25, 2018: Hemispherx Announces Data Presentation on the Potential for Ampligen to Improve Cancer Outcomes with Checkpoint Inhibitors

Jan 23, 2018: Hemispherx Comments on \$500+ Million Market Opportunity for Ampligen, the Only Late Stage ME/CFS Candidate in the U.S.

Jan 11, 2018: Hemispherx Enhances Manufacturing Efficiency of Ampligen

Jan 09, 2018: Hemispherx Announces Presentation of New-Found Properties of Ampligen at Immuno-Oncology Frontiers Conference

Dec 20, 2017: Hemispherx Successfully Completes Commercial Scale Demonstration Batch of Ampligen at Contract Manufacturer

Aug 14, 2017: Hemispherx Human Safety Study of Intranasal Ampligen with Influenza Vaccine Shows Ampligen was generally Well-Tolerated

Aug 08, 2017: Hemispherx Biopharma Announces Collaboration with Millions Missing Canada to Bring Medication to Canadians for Myalgic Encephalomyelitis/Chronic Fatigue Syndrome

Jul 10, 2017: Hemispherx Updates Status of Immuno-Oncology Program in Pancreatic Cancer

May 31, 2017: Hemispherx Biopharma Enhances Ampligen Manufacturing and Scientific Capabilities

Appendix

Methodology

Coverage

Secondary Research

Primary Research

Expert Panel Validation

Contact Us

Disclaimer

## List Of Tables

### LIST OF TABLES

Number of Products under Development by Stage of Development, H1 2018  
Number of Products under Development by Therapy Areas, H1 2018  
Number of Products under Development by Indications, H1 2018  
Number of Products under Development by Indications, H1 2018 (Contd.1), H1 2018  
Number of Products under Development by Companies, H1 2018  
Products under Development by Companies, H1 2018  
Products under Development by Companies, H1 2018 (Contd.1), H1 2018  
Number of Products under Investigation by Universities/Institutes, H1 2018  
Products under Investigation by Universities/Institutes, H1 2018  
Number of Products by Stage and Mechanism of Actions, H1 2018  
Number of Products by Stage and Route of Administration, H1 2018  
Number of Products by Stage and Molecule Type, H1 2018  
Pipeline by Bioncotech Therapeutics SL, H1 2018  
Pipeline by Hemispherx Biopharma Inc, H1 2018  
Pipeline by MultiCell Technologies Inc, H1 2018  
Pipeline by Oncovir Inc, H1 2018  
Dormant Products, H1 2018  
Dormant Products, H1 2018 (Contd.1), H1 2018  
Dormant Products, H1 2018 (Contd.2), H1 2018  
Discontinued Products, H1 2018

## List Of Figures

### LIST OF FIGURES

Number of Products under Development by Stage of Development, H1 2018

Number of Products under Development by Therapy Areas, H1 2018

Number of Products under Development by Top 10 Indications, H1 2018

Number of Products by Mechanism of Actions, H1 2018

Number of Products by Stage and Mechanism of Actions, H1 2018

Number of Products by Routes of Administration, H1 2018

Number of Products by Stage and Routes of Administration, H1 2018

Number of Products by Molecule Types, H1 2018

Number of Products by Stage and Molecule Types, H1 2018

### COMPANIES MENTIONED

Bioncotech Therapeutics SL

Hemispherx Biopharma Inc

MultiCell Technologies Inc

Oncovir Inc



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