

# Human cytomegalovirus 65 kDa Phosphoprotein - Pipeline Review, H1 2020

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## **Abstracts**

Human cytomegalovirus 65 kDa Phosphoprotein - Pipeline Review, H1 2020

#### **SUMMARY**

According to the recently published report 'Human cytomegalovirus 65 kDa Phosphoprotein - Pipeline Review, H1 2020'; Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) pipeline Target constitutes close to 9 molecules. Out of which approximately 8 molecules are developed by companies and remaining by the universities/institutes.

Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) - 65-kDa cytosolic phosoprotein (pp65) counteracts the host antiviral immune response when activated and phosphorylated and by preventing IRF3 from entering the nucleus. It participates in the transactivation of viral major immediate-early genes by the recruitment of host IFI16 to the promoter of these genes.

The report 'Human cytomegalovirus 65 kDa Phosphoprotein - Pipeline Review, H1 2020' outlays comprehensive information on the Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.

It also reviews key players involved in Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) targeted



therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase II, Phase I and Preclinical stages are 4, 1 and 3 respectively. Similarly, the universities portfolio in Phase II stages comprises 1 molecules, respectively.

Report covers products from therapy areas Infectious Disease, Oncology and Immunology which include indications Cytomegalovirus (HHV-5) Infections, Glioblastoma Multiforme (GBM), Acute Lymphoblastic Lymphoma, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Chronic Lymphocytic Leukemia (CLL), Chronic Myelocytic Leukemia (CML, Chronic Myeloid Leukemia), Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Human Immunodeficiency Virus (HIV) Infections (AIDS), Kidney Transplant Rejection, Liver Transplant Rejection, Medulloblastoma, Multiple Myeloma (Kahler Disease), Myelodysplastic Syndrome, Myelofibrosis, Myeloproliferative Disorders, Non-Hodgkin Lymphoma, Recurrent Glioblastoma Multiforme (GBM), Recurrent Malignant Glioma and Recurrent Medulloblastoma.

**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 Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83)

The report reviews Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) 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 Human cytomegalovirus 65 kDa



Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) targeted therapeutics and enlists all their major and minor projects

The report assesses Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) 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 Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) 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 Human cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83)

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 Human



cytomegalovirus 65 kDa Phosphoprotein (PP65 or 65 kDa Matrix Phosphoprotein or Tegument Protein UL83 or UL83) 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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Immunomic Therapeutics Inc

Moderna Inc

**VBI Vaccines Inc** 

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**Product Description** 

Mechanism Of Action

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cytomegalovirus vaccine - Drug Profile

**Product Description** 

Mechanism Of Action

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cytomegalovirus vaccine 1 - Drug Profile

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Mechanism Of Action

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HB-101 - Drug Profile

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Apr 21, 2020: HOOKIPA Pharma announces publication of HB-101 Phase 1 results in The Journal of Infectious Diseases

Mar 03, 2020: VBI Vaccines doses first recurrent GBM patient in trial of VBI-1901

Mar 03, 2020: Immunomic Therapeutics announces completion of pre-IND meeting with

US FDA for ITI-1001, a vaccine for the treatment of GBM

Mar 03, 2020: VBI Vaccines provides update on part A of ongoing Phase 1/2a study demonstrating overall survival benefit for VBI-1901 vaccine responders in recurrent GBM patients



Feb 10, 2020: City of Hope's Triplex vaccine reduces rate of CMV complications in transplant recipients by 50 percent and spurs immunity against the virus

Nov 22, 2019: VBI Vaccines presents early GBM tumor response and immunologic data from part B of ongoing phase 1/2a study of VBI-1901 at the 2019 SNO Annual Meeting Nov 21, 2019: Immunomic Therapeutics' Collaborator, University of Florida presents new clinical data from ATTAC-II study in GBM at the 2019 Society for Neurology (SNO) Annual Meeting

Nov 11, 2019: VBI Vaccines to present initial phase 1/2a part B data of VBI-1901 at the 2019 Society for Neuro-Oncology (SNO) Annual Meeting

Oct 24, 2019: VBI Vaccines to present new immuno-oncology data at the World Vaccine Congress Europe 2019

Oct 01, 2019: Immunomic Therapeutics assumes sponsorship of ATTAC-II IND for ITI-1000, a dendritic cell vaccine in phase 2 for the treatment of GBM

Sep 11, 2019: VBI to study cancer vaccine with GSK's adjuvant system

Jul 29, 2019: VBI Vaccines announces dosing of first recurrent GBM patient in Part B of ongoing phase 1/2a study of VBI-1901

Jun 10, 2019: HOOKIPA Pharma announces oral presentation of HB-101 CMV Vaccine phase 1 data at the American Transplant Congress

Jun 04, 2019: VBI Vaccines reports data from part A of the ongoing phase 1/2a study of VBI-1901 in recurrent glioblastoma (GBM) patients at ASCO 2019

Apr 23, 2019: VBI Vaccines provides update on GBM program and announces upcoming conference call

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#### **COMPANIES MENTIONED**

Helocyte Biosciences Inc Hookipa Pharma Inc Immunomic Therapeutics Inc Moderna Inc VBI Vaccines Inc



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