

# Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) - Pipeline Review, H1 2018

https://marketpublishers.com/r/H41CAD75431EN.html

Date: May 2018

Pages: 74

Price: US\$ 3,500.00 (Single User License)

ID: H41CAD75431EN

# **Abstracts**

Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) - Pipeline Review, H1 2018

## **SUMMARY**

Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) pipeline Target constitutes close to 14 molecules. Out of which approximately 9 molecules are developed by companies and remaining by the universities/institutes.

The latest report Hypoxia Inducible Factor 1 Alpha - Pipeline Review, H1 2018, outlays comprehensive information on the Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) - Hypoxia-inducible factor



1-alpha is a subunit of a heterodimeric transcription factor encoded by the HIF1A gene. It plays an essential role in embryonic vascularization, tumor angiogenesis and pathophysiology of ischemic disease. It activates the transcription of erythropoietin, glucose transporters, glycolytic enzymes, vascular endothelial growth factor and HILPDA under hypoxia condition.

The molecules developed by companies in Phase II, Phase I, IND/CTA Filed, Preclinical and Discovery stages are 1, 1, 1, 3 and 3 respectively. Similarly, the universities portfolio in Preclinical stages comprises 5 molecules, respectively. Report covers products from therapy areas Oncology, Immunology, Cardiovascular, Central Nervous System, Dermatology, Metabolic Disorders and Ophthalmology which include indications Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Breast Cancer, Solid Tumor, Colorectal Cancer, Diabetic Foot Ulcers, Epithelial Ovarian Cancer, Fallopian Tube Cancer, Graft Versus Host Disease (GVHD), Hepatocellular Carcinoma, Ischemia, Kidney Cancer (Renal Cell Cancer), Lung Cancer, Melanoma, Metastatic Uveal Melanoma, Multiple Myeloma (Kahler Disease), Multiple Sclerosis, Peritoneal Cancer, Rectal Cancer, Rheumatoid Arthritis, Small-Cell Lung Cancer and Wounds.

Furthermore, this report also reviews key players involved in Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) targeted therapeutics development with respective active and dormant or discontinued projects. Driven by 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 Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A)

The report reviews Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein)



or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) 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 Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) targeted therapeutics and enlists all their major and minor projects

The report assesses Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) 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 Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) 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 Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A)

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 Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix PAS Protein MOP1 or Class E Basic Helix Loop Helix Protein 78 or Member Of PAS Protein 1 or PAS Domain Containing Protein 8 or HIF1A) 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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**CASI Pharmaceuticals Inc** 

Daiichi Sankyo Co Ltd

Ildong Pharmaceutical Co Ltd

**NewLink Genetics Corp** 

Oncolmmune Inc

RXi Pharmaceuticals Corp

Vascular Biogenics Ltd

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Featured News & Press Releases

Oct 06, 2016: Cerulean Announces Clinical Data from CRLX101 Program at the 2016 European Society for Medical Oncology Annual Meeting

Aug 18, 2016: Cerulean Announces Reduction in Force

Aug 18, 2016: Cerulean Announces Results from Phase 2 Clinical Trial of CRLX101 and Avastin Combination in Relapsed Renal Cell Carcinoma

Jul 19, 2016: Cerulean Receives FDA Fast Track Designation for CRLX101 for the Treatment of Platinum-Resistant Ovarian Cancer

Jun 22, 2016: Cerulean Announces Publication in Cancer Research

Jun 09, 2016: Cerulean Announces Manuscript Published in Annals of Oncology

May 19, 2016: Cerulean Announces Oral Presentation on Phase 1b results of CRLX101 at Gynecologic Oncology 2016 Conference

May 10, 2016: Cerulean Announces First Patient Dosed in Phase 1/2 Trial Evaluating CRLX101 in Combination with LYNPARZA

Apr 25, 2016: Cerulean Announces Oral Presentation of CRLX101 Clinical Data at



Gynecologic Oncology 2016 Conference

Apr 19, 2016: Cerulean Announces Presentation at 2016 American Association for Cancer Research Annual Meeting of Stage 1 Data from Phase 2 Trial in Platinum-Resistant Ovarian Cancer

Mar 23, 2016: Cerulean Announces Publication Showing CRLX101 Localizes Selectively in Human Tumors, Sparing Adjacent Healthy Tissue

Mar 16, 2016: Cerulean Announces Data Presentation at the 2016 American Association for Cancer Research Annual Meeting

Nov 09, 2015: Cerulean Announces Data at the 2015 AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics

Oct 27, 2015: Cerulean Announces Poster Presentations at the 2015 AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics Oct 19, 2015: Cerulean Announces First Patient Dosed in Clinical Trial to Evaluate Weekly Dosing Schedule with CRLX101

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#### **COMPANIES MENTIONED**

CASI Pharmaceuticals Inc
Daiichi Sankyo Co Ltd
Ildong Pharmaceutical Co Ltd
NewLink Genetics Corp
Oncolmmune Inc
RXi Pharmaceuticals Corp
Vascular Biogenics Ltd



### I would like to order

Product name: Hypoxia Inducible Factor 1 Alpha (ARNT Interacting Protein or Basic Helix Loop Helix

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