

# **Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) - Pipeline Review, H1 2018**

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## **Abstracts**

Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) - Pipeline Review, H1 2018

### **SUMMARY**

Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) pipeline Target constitutes close to 43 molecules. Out of which approximately 33 molecules are developed by companies and remaining by the universities/institutes. The latest report Bromodomain Containing Protein 4 - Pipeline Review, H1 2018, outlays comprehensive information on the Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) - Bromodomain-containing protein 4 is a protein encoded by the BRD4 gene. It plays a key role in transmission of epigenetic memory across cell divisions and transcription regulation. It promotes phosphorylation of Ser-2 of the C-terminal domain (CTD) of RNA polymerase II. It acts as a regulator of p53/TP53-mediated transcription. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 5, 4, 19 and 4 respectively.

Similarly, the universities portfolio in Preclinical and Discovery stages comprises 6 and 4 molecules, respectively. Report covers products from therapy areas Oncology, Immunology, Cardiovascular, Dermatology, Metabolic Disorders, Musculoskeletal Disorders, Central Nervous System, Genetic Disorders, Genito Urinary System And Sex Hormones, Ophthalmology and Respiratory which include indications Solid Tumor,

Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Breast Cancer, Multiple Myeloma (Kahler Disease), Diffuse Large B-Cell Lymphoma, Ovarian Cancer, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Leukemias, Myelodysplastic Syndrome, NUT Midline Carcinoma (NMC or Nuclear Protein in Testis Midline Carcinoma), Atopic Dermatitis, Colorectal Cancer, Follicular Lymphoma, Hematological Tumor, Inflammation, Lung Cancer, Lymphoma, Muscular Dystrophy, Neuroblastoma, Non-Hodgkin Lymphoma, Non-Small Cell Lung Cancer, Psoriasis, Refractory Multiple Myeloma, Relapsed Multiple Myeloma, Rheumatoid Arthritis, Small-Cell Lung Cancer, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Adenocarcinoma, Advanced Malignancy, Atherosclerosis, B-Cell Leukemia, B-Cell Non-Hodgkin Lymphoma, Blood Cancer, Chronic Kidney Disease (Chronic Renal Failure), Chronic Lymphocytic Leukemia (CLL), Colon Cancer, Coronary Artery Disease (CAD) (Ischemic Heart Disease), Fabry Disease, Glioblastoma Multiforme (GBM), Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Hypercholesterolemia, Idiopathic Pulmonary Fibrosis, Malignant Pleural Mesothelioma, Melanoma, Metastatic Adenocarcinoma of The Pancreas, Metastatic Brain Tumor, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Metastatic Liver Cancer, Myelofibrosis, Myeloproliferative Disorders, Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Peripheral Arterial Disease (PAD)/Peripheral Vascular Disease (PVD), Pre-Diabetes/Impaired Glucose Tolerance, Prostate Cancer, Renal Cell Carcinoma, Retinal Degeneration, Substance (Drug) Abuse, Systemic Lupus Erythematosus, Systemic Sclerosis (Scleroderma) and Uveal Melanoma.

Furthermore, this report also reviews key players involved in Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) 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 Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4)

The report reviews Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) 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 Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) targeted therapeutics and enlists all their major and minor projects

The report assesses Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) 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 Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) 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 Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4)

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 Bromodomain Containing Protein 4 (Protein HUNK1 or BRD4) 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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Kainos Medicine Inc

Mitsubishi Tanabe Pharma Corp

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Featured News & Press Releases

Jun 04, 2018: Zenith Announces Further Advancement of Clinical Trial with ZEN-3694,  
a Proposed Equity Offering and an Update Webcast

May 24, 2018: Resverlogix Provides Unrestricted Educational Grant for Epigenetic  
Symposium at International Renal Congress

May 07, 2018: Resverlogix Closes US\$30 Million Loan

May 01, 2018: Resverlogix Advances US\$30 Million Loan Closing Documentation

Apr 18, 2018: Checkpoint Therapeutics Reports Preclinical Data on BET Inhibitor  
CK-103 at the American Association for Cancer Research Annual Meeting

Mar 28, 2018: Resverlogix Announces Two New Publications on Apabetalone in Kidney  
Disease

Mar 26, 2018: Promising drug may stop cancer-causing gene in its tracks

Mar 19, 2018: Resverlogix Exceeds Full Enrollment for the Pivotal Phase 3  
BETonMACE Clinical Trial

Mar 15, 2018: TG Therapeutics Announces Preclinical Data Presentation at the 2018  
American Association for Cancer Research Annual Meeting

Feb 28, 2018: NEOMED Institute Launches NEOMED Therapeutics 1 to fund and  
develop a dual BET inhibitor anticancer therapy pipeline with NEO2734, an oral dual  
BET and CBP/P300 inhibitor, as lead compound

Feb 26, 2018: Resverlogix Announces Sixth Positive Recommendation From Data  
Safety Monitoring Board For Phase 3 Study of Apabetalone

Feb 09, 2018: Constellation Pharmaceuticals Announces Upcoming Presentations on its Anti-Cancer Drug Candidate CPI-0610

Jan 11, 2018: Resverlogix Receives FDA Protocol Acceptance for the Ongoing Phase III BETonMACE Trial

Jan 04, 2018: SignalRx Announces In Silico Design And Discovery Of The First-In-Class HDAC6-BRD4-PI3K Epigenetic Kinase Inhibitor SRX3225

Dec 12, 2017: Natures Recent Scientific Reports Publication Describes How Apabetalone May Be a Powerful Agent against HIV-1

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### COMPANIES MENTIONED

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Celgene Corp

Checkpoint Therapeutics Inc

ConverGene LLC

Dybly AG

F. Hoffmann-La Roche Ltd

Forma Therapeutics Inc

GlaxoSmithKline Plc

Kainos Medicine Inc

Mitsubishi Tanabe Pharma Corp

Nuevolution AB

Plexxikon Inc

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