

Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) - Pipeline Review, H1 2018

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Abstracts

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SUMMARY

Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) pipeline Target constitutes close to 14 molecules. Out of which approximately 12 molecules are developed by companies and remaining by the universities/institutes.

The latest report Histone Deacetylase 3 - Pipeline Review, H1 2018, outlays comprehensive information on the Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) - Histone deacetylase 3 is an enzyme encoded by the HDAC3 gene. Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.

It participates in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. The molecules developed by companies in Phase III, Phase II, Preclinical and Discovery stages are 2, 4, 5 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively.

Report covers products from therapy areas Oncology, Central Nervous System, Dermatology, Gastrointestinal, Genetic Disorders, Infectious Disease and Musculoskeletal Disorders which include indications Breast Cancer, Follicular Lymphoma, Non-Small Cell Lung Cancer, Relapsed Acute Myeloid Leukemia, B-Cell Non-Hodgkin Lymphoma, Colon Cancer, Diffuse Large B-Cell Lymphoma, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Mantle Cell Lymphoma, Melanoma, Metastatic Renal Cell Carcinoma, Non-Hodgkin Lymphoma, Prostate Cancer, Refractory Acute Myeloid Leukemia, Acid Sphingomyelinase Deficiency (Niemann-Pick Disease) Type C, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Adenoid Cystic Carcinoma (ACC), Alopecia, Anaplastic Thyroid Cancer, Basal Cell Carcinoma (Basal Cell Epithelioma), Bile Duct Cancer (Cholangiocarcinoma), Bladder Cancer, Bone Disorders, Burkitt Lymphoma, CNS Lymphoma, Cutaneous T-Cell Lymphoma, Drug Addiction, Endometrial Cancer, Epithelial Ovarian Cancer, Fallopian Tube Cancer, Glioblastoma Multiforme (GBM), Glioma, Gliosarcoma, Human Immunodeficiency Virus (HIV) Infections (AIDS), Liver Cancer, Liver Fibrosis, Lung Adenocarcinoma, Lung Cancer, Lymphoma, Marginal Zone B-cell Lymphoma, Metastatic Adenocarcinoma of The Pancreas, Metastatic Breast Cancer, Metastatic Colorectal Cancer, Metastatic Melanoma, Metastatic Uveal Melanoma, Multiple Myeloma (Kahler Disease), Mycosis Fungoides, Myelodysplastic Syndrome, Neuroblastoma, Neurodegenerative Diseases, Neuroendocrine Cancer, NUT Midline Carcinoma (NMC or Nuclear Protein in Testis Midline Carcinoma), Papillary Thyroid Cancer, Peripheral T-Cell Lymphomas (PTCL), Peritoneal Cancer, Post-Traumatic Stress Disorder (PTSD), Recurrent Glioblastoma Multiforme (GBM), Refractory Chronic Lymphocytic Leukemia (CLL), Refractory Multiple Myeloma, Relapsed Chronic Lymphocytic Leukemia (CLL), Relapsed Multiple Myeloma, Renal Cell Carcinoma, Small-Cell Lung Cancer, Soft Tissue Sarcoma, Solid Tumor and Thyroid Cancer.

Furthermore, this report also reviews key players involved in Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) 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 Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98)

The report reviews Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) 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 Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) targeted therapeutics and enlists all their major and minor projects

The report assesses Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) 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 Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) 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 Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98)

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 Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) 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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AlfaSigma SpA

Chipscreen Biosciences Ltd

Curis Inc

HitGen LTD

IRBM Science Park SpA

Medivir AB

Merck & Co Inc

Syndax Pharmaceuticals Inc

Zhejiang Hisun Pharmaceutical Co Ltd

Histone Deacetylase 3 (SMAP45 or RPD3 2 or HDAC3 or EC 3.5.1.98) - Drug Profiles

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Featured News & Press Releases

Jan 10, 2018: Syndax Pharmaceuticals Announces Clinical Collaboration to Evaluate Entinostat in Combination with anti-PD-L1 Cancer Immunotherapy in Breast Cancer

Dec 01, 2017: Curis Announces Upcoming Presentation at the American Society of Hematology 59th Annual Meeting & Exposition

Nov 11, 2017: Syndax Announces Presentation of ENCORE 601 Data at Society for Immunotherapy of Cancer 32nd Annual Scientific Meeting

Nov 07, 2017: Syndax to Present Data On Entinostat at SITC 32nd Annual Scientific Meeting

Oct 13, 2017: Remetinostat Phase II Data Demonstrate Efficacy on Skin Lesions, Reduction of Itching and High Tolerability in Patients With Early-stage MF-type CTCL

Oct 05, 2017: Syndax Announces Dosing of First Patient in Pivotal Trial of Entinostat for the Treatment of Advanced or Recurrent Breast Cancer in Japan by Partner Kyowa Hakko Kirin

Sep 27, 2017: Clinical trial reveals genetic fault that reduces the effectiveness of leukaemia treatment

Jul 11, 2017: Preclinical Results Support Entinostat's Role in Targeting the Tumor Microenvironment to Enhance Immune Checkpoint Therapy

Jun 11, 2017: First patient enrolled in Phase Ib/II study SENSITIZE of 4SC-202 in melanoma

May 25, 2017: Curis Announces Presentation Related to CUDC-907 at 2017 ASCO Annual Meeting

May 17, 2017: Syndax Announces Results from Phase 2 ENCORE 601 Trial of Entinostat in Combination with KEYTRUDA (pembrolizumab) for the Treatment of Advanced Melanoma

May 16, 2017: Syndax Pharmaceuticals Announces Advancement of ENCORE 601 in

Non-Small Cell Lung Cancer Patients with Disease Progression on or After PD-1 Therapies

Apr 20, 2017: Syndax Announces Entinostat Data to be Presented at the 2017 American Society of Clinical Oncology Annual Meeting

Apr 19, 2017: GNTbm to begin Phase III clinical trial in Taiwan of epigenetic regulator Chidamide for late-stage breast cancer

Apr 11, 2017: New mechanistic insights into 4SC-202's epigenetic mode of action

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4SC AG

AlfaSigma SpA

Chipscreen Biosciences Ltd

Curis Inc

HitGen LTD

IRBM Science Park SpA

Medivir AB

Merck & Co Inc

Syndax Pharmaceuticals Inc

Zhejiang Hisun Pharmaceutical Co Ltd

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