

# Histone Deacetylase 4 (Histone Deacetylase A or HDAC4 or EC 3.5.1.98) - Drugs in Development, 2021

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## Abstracts

Histone Deacetylase 4 (Histone Deacetylase A or HDAC4 or EC 3.5.1.98) - Drugs in Development, 2021

### SUMMARY

Histone Deacetylase 4 (Histone Deacetylase A or HDAC4 or EC 3.5.1.98) pipeline Target constitutes close to 6 molecules. Out of which approximately 4 molecules are developed by companies and remaining by the universities/institutes. The latest report Histone Deacetylase 4 - Drugs in Development, 2021, outlays comprehensive information on the Histone Deacetylase 4 (Histone Deacetylase A or HDAC4 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 4 (Histone Deacetylase A or HDAC4 or EC 3.5.1.98) - Histone deacetylase 4 (HDAC4) is a protein encoded by the HDAC4 gene. It is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones. It plays an important role in transcriptional regulation, cell cycle progression and developmental events. It acts via the formation of large multiprotein complexes. The molecules developed by companies in Phase II and Preclinical stages are 3 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively.

Report covers products from therapy areas Oncology and Cardiovascular which include indications Congestive Heart Failure (Heart Failure), Cutaneous T-Cell Lymphoma, Diffuse Large B-Cell Lymphoma, Essential Thrombocythemia, Follicular Lymphoma,

Gallbladder Cancer, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Multiple Myeloma (Kahler Disease), Mycosis Fungoides, Myelodysplastic Syndrome, Non-Small Cell Lung Cancer, Pancreatic Cancer, Post-Polycythemia Vera Myelofibrosis (PPV-MF), Prostate Cancer, Pulmonary Arterial Hypertension, Rhabdomyosarcoma and Sezary Syndrome.

Furthermore, this report also reviews key players involved in Histone Deacetylase 4 (Histone Deacetylase A or HDAC4 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 4 (Histone Deacetylase A or HDAC4 or EC 3.5.1.98)

The report reviews Histone Deacetylase 4 (Histone Deacetylase A or HDAC4 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 4 (Histone Deacetylase A or HDAC4 or EC 3.5.1.98) targeted therapeutics and enlists all their major and minor projects

The report assesses Histone Deacetylase 4 (Histone Deacetylase A or HDAC4 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 4 (Histone Deacetylase A or HDAC4 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 4 (Histone Deacetylase A or HDAC4 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 4 (Histone Deacetylase A or HDAC4 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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Involved in Therapeutics Development

4SC AG

KYAN Therapeutics Inc

MEI Pharma Inc

Mirati Therapeutics Inc

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Gene Therapy to Activate HDAC4 for Heart Failure - Drug Profile

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Featured News & Press Releases

Jul 03, 2020: Helsinn and MEI stop Phase III trial of pracinostat in AML

May 13, 2020: Helsinn and MEI Pharma announce updated clinical data from the phase 2 study evaluating pracinostat in combination with azacitidine in patients with high/very-high risk myelodysplastic syndromes

Feb 14, 2019: Helsinn and MEI Pharma announce publication of phase II data for Pracinostat in combination with Azacitidine in the frontline treatment of older AML patients unfit for intensive chemotherapy, in Blood Advance

Jan 28, 2019: 4SC's pivotal RESMAIN study of resminostat in CTCL receives second positive safety review

Dec 03, 2018: Phase 2 Interim Data Evaluating the Combination of Pracinostat and Azacitidine in Patients with Myelodysplastic Syndrome Presented at the 2018 American Society of Hematology Annual Meeting

Nov 20, 2018: 4SC reaches significant milestone with enrollment of 100 patients in pivotal RESMAIN study of resminostat as CTCL maintenance therapy

Nov 09, 2018: Mirati presents data from ongoing phase 2 clinical trial of Mocetinostat in combination with Durvalumab at the SITC 33rd Annual Meeting

Nov 05, 2018: Mirati to present new data from ongoing phase 2 clinical trial on mocetinostat and durvalumab at the SITC 33rd Annual Meeting

Nov 01, 2018: MEI Pharma to present data from Phase 2 trial of Pracinostat at ASH 2018

Jun 28, 2018: New data supports resminostat's mechanism of action in CTCL maintenance therapy

May 31, 2018: MEI Pharma and Helsinn Group Announce Successful Interim Analysis of Pracinostat/Azacitidine Phase 2 Combination Study in Higher Risk Myelodysplastic Syndrome (MDS) Patients

May 30, 2018: Helsinn Group and MEI Pharma Announce Upcoming Presentation at ASCO 2018 on the design of the Phase III PRIMULA study of Pracinostat in combination with azacitidine for the treatment of Acute Myeloid Leukemia (AML) in adult patients unfit f

Apr 19, 2018: Phase II study of 4SC's resminostat in biliary tract cancer in Japan is initiated

Apr 11, 2018: Yakult Honsha recruits first Japanese patient in 4SC's pivotal RESMAIN study of resminostat in CTCL

Mar 27, 2018: Yakult Honsha joins 4SC's pivotal RESMAIN study of resminostat in CTCL - 4SC receives milestone payment

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## I would like to order

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