

# Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Pipeline Review, H1 2018

<https://marketpublishers.com/r/HB909DC73F3EN.html>

Date: March 2018

Pages: 120

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

ID: HB909DC73F3EN

## Abstracts

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Pipeline Review, H1 2018

### SUMMARY

According to the recently published report 'Histone Deacetylase 2 - Pipeline Review, H1 2018'; Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) pipeline Target constitutes close to 26 molecules. Out of which approximately 23 molecules are developed by companies and remaining by the universities/institutes.

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Histone deacetylase 2 is an enzyme encoded by the HDAC2 gene. It plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. It forms transcriptional repressor complexes by associating with MAD, SIN3, YY1 and N-COR. It interacts in the late S-phase of DNA-replication with DNMT1 in the other transcriptional repressor complex composed of DNMT1, DMAP1, PCNA, and CAF1. It deacetylates TSHZ3 and regulates its transcriptional repressor activity.

The report 'Histone Deacetylase 2 - Pipeline Review, H1 2018' outlays comprehensive information on the Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 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; that are being developed by Companies/Universities.

It also reviews key players involved in Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II, Preclinical and Discovery stages are 3, 6, 11 and 3 respectively.

Similarly, the universities portfolio in Preclinical and Discovery stages comprises 2 and 1 molecules, respectively. Report covers products from therapy areas Oncology, Central Nervous System, Genetic Disorders, Hematological Disorders, Dermatology, Gastrointestinal, Immunology, Infectious Disease, Musculoskeletal Disorders and Respiratory which include indications Breast Cancer, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Follicular Lymphoma, Melanoma, Myelodysplastic Syndrome, Neuroblastoma, Non-Small Cell Lung Cancer, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Alzheimer's Disease, B-Cell Non-Hodgkin Lymphoma, Colon Cancer, Cutaneous T-Cell Lymphoma, Diffuse Large B-Cell Lymphoma, Essential Thrombocythemia, Lung Cancer, Mantle Cell Lymphoma, Mycosis Fungoides, Neurodegenerative Diseases, Non-Hodgkin Lymphoma, Post-Polycythemia Vera Myelofibrosis (PPV-MF), Prostate Cancer, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Sickle Cell Disease, Solid Tumor, Thalassemia, Acid Sphingomyelinase Deficiency (Niemann-Pick Disease) Type C, Adenoid Cystic Carcinoma (ACC), Alopecia, Anaplastic Thyroid Cancer, Basal Cell Carcinoma (Basal Cell Epithelioma), Becker Muscular Dystrophy, Bile Duct Cancer (Cholangiocarcinoma), Bladder Cancer, Bone Disorders, Burkitt Lymphoma, Charcot-Marie-Tooth Disease Type II, Chronic Lymphocytic Leukemia (CLL), Chronic Obstructive Pulmonary Disease (COPD), CNS Lymphoma, Cognitive Disorders, Colorectal Cancer, Depression, Duchenne Muscular Dystrophy, Gallbladder Cancer, Glioblastoma Multiforme (GBM), Glioma, Gliosarcoma, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Human Immunodeficiency Virus (HIV) Infections (AIDS), Liver Cancer, Liver Fibrosis, Lymphoma, Marginal Zone B-cell Lymphoma, Metastatic Renal Cell Carcinoma, Multiple Myeloma (Kahler Disease), Myelofibrosis, NUT Midline Carcinoma (NMC or Nuclear Protein in Testis Midline Carcinoma), Pancreatic Cancer, Papillary Thyroid Cancer, Parkinson's Disease, Peripheral T-Cell Lymphomas (PTCL), Polycythemia Vera, Post-Essential Thrombocythemia Myelofibrosis (Post-ET MF), Psychiatric Disorders, Recurrent Glioblastoma Multiforme (GBM), Refractory Chronic Lymphocytic Leukemia (CLL), Refractory Multiple Myeloma, Relapsed Chronic Lymphocytic Leukemia (CLL), Relapsed Multiple Myeloma, Renal Cell Carcinoma,

Sezary Syndrome, Small-Cell Lung Cancer, Soft Tissue Sarcoma, Systemic Lupus Erythematosus and Thyroid Cancer.

**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 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98)

The report reviews Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 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 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) targeted therapeutics and enlists all their major and minor projects

The report assesses Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 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 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or

HDAC2 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 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 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 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 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

## Contents

Introduction

Global Markets Direct Report Coverage

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Overview

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Therapeutics Development

Products under Development by Stage of Development

Products under Development by Therapy Area

Products under Development by Indication

Products under Development by Companies

Products under Development by Universities/Institutes

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Companies Involved in Therapeutics Development

4SC AG

AlfaSigma SpA

Celgene Corp

Chipscreen Biosciences Ltd

Curis Inc

HitGen LTD

Italfarmaco SpA

Medivir AB

MEI Pharma Inc

Merck & Co Inc

Yungjin Pharm Co Ltd

Zhejiang Hisun Pharmaceutical Co Ltd

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Drug Profiles

4SC-202 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

ACY-1035 - Drug Profile

Product Description  
Mechanism Of Action  
R&D Progress  
ACY-1071 - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
ACY-738 - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
ACY-957 - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
CS-3158 - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
fimepinostat - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
givinostat - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
HG-3001 - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
largazole - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress  
pracinostat - Drug Profile  
Product Description  
Mechanism Of Action  
R&D Progress

RCY-1305 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

RCY-1497 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

RCY-1992 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

remetinostat - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

resminostat - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Inhibit HDAC2 for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Inhibit KDM1A, HDAC1 and HDAC2 for Melanoma - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit HDAC1 and 2 for Acute Myeloid Leukemia and

Myelodysplastic Syndrome - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit HDAC1, HDAC2 and HDAC3 for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit HDAC2 for Cognitive Disorders - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

ST-3595 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Synthetic Peptide to Inhibit HDAC for Prostate Cancer - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

tucidinostat - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

vorinostat - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

YPL-001 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Dormant Products

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Discontinued Products

Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Product Development Milestones

Featured News & Press Releases

Feb 07, 2018: University of Colorado: Treatment for Diastolic Dysfunction

Jan 31, 2018: Positive DSMB safety review of 4SC's pivotal RESMAIN study of resminostat in CTCL

Jan 11, 2018: Helsinn Group and MEI Pharma Announce that Pracinostat has Received Orphan Drug Designation from the European Medicines Agency for the Treatment of acute myeloid leukemia (AML)

Dec 20, 2017: 4SC receives Pediatric Investigation Plan Waiver for resminostat in CTCL from the European Medicines Agency

Dec 13, 2017: 4SC receives milestone payment from Immunic

Dec 11, 2017: Italfarmaco Presents Positive Phase II Study Results for Givinostat in

Polycythemia Vera Patients at the ASH Annual Meeting

Dec 05, 2017: Italfarmaco Announces Givinostat Clinical Trial Presentations at the 59th American Society of Hematology (ASH) Annual Meeting

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

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 10, 2017: Resminostat demonstrates potential to significantly alleviate itching in CTCL patients

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

Sep 13, 2017: Phase I study of 4SC's resminostat indicates efficacy in biliary tract cancer

Aug 02, 2017: Helsinn Group and MEI Pharma Announce First Patient Dosed in Pivotal Phase 3 Study of Pracinostat and Azacitidine in Acute Myeloid Leukemia

Jul 19, 2017: Regenacy Pharmaceuticals Presents Data Demonstrating that HDAC1,2 Inhibition Improved Cognitive Function in Mouse Models of Alzheimer's Disease at the Alzheimer's Association International Conference

Jun 14, 2017: Helsinn Group and MEI Pharma Announce First Patient Dosed in Phase 2 Dose-Optimization Study of Pracinostat and Azacitidine in Myelodysplastic Syndrome

Appendix

Methodology

Coverage

Secondary Research

Primary Research

Expert Panel Validation

Contact Us

Disclaimer

## List Of Tables

### LIST OF TABLES

Number of Products under Development by Stage of Development, H1 2018  
Number of Products under Development by Therapy Areas, H1 2018  
Number of Products under Development by Indications, H1 2018  
Number of Products under Development by Indications, H1 2018 (Contd..1), H1 2018  
Number of Products under Development by Indications, H1 2018 (Contd..2), H1 2018  
Number of Products under Development by Indications, H1 2018 (Contd..3), H1 2018  
Number of Products under Development by Companies, H1 2018  
Products under Development by Companies, H1 2018  
Products under Development by Companies, H1 2018 (Contd..1), H1 2018  
Products under Development by Companies, H1 2018 (Contd..2), H1 2018  
Products under Development by Companies, H1 2018 (Contd..3), H1 2018  
Products under Development by Companies, H1 2018 (Contd..4), H1 2018  
Products under Development by Companies, H1 2018 (Contd..5), H1 2018  
Number of Products under Investigation by Universities/Institutes, H1 2018  
Products under Investigation by Universities/Institutes, H1 2018  
Number of Products by Stage and Mechanism of Actions, H1 2018  
Number of Products by Stage and Route of Administration, H1 2018  
Number of Products by Stage and Molecule Type, H1 2018  
Pipeline by 4SC AG, H1 2018  
Pipeline by AlfaSigma SpA, H1 2018  
Pipeline by Celgene Corp, H1 2018  
Pipeline by Chipscreen Biosciences Ltd, H1 2018  
Pipeline by Curis Inc, H1 2018  
Pipeline by HitGen LTD, H1 2018  
Pipeline by Italfarmaco SpA, H1 2018  
Pipeline by Medivir AB, H1 2018  
Pipeline by MEI Pharma Inc, H1 2018  
Pipeline by Merck & Co Inc, H1 2018  
Pipeline by Yungjin Pharm Co Ltd, H1 2018  
Pipeline by Zhejiang Hisun Pharmaceutical Co Ltd, H1 2018  
Dormant Products, H1 2018  
Dormant Products, H1 2018 (Contd..1), H1 2018  
Dormant Products, H1 2018 (Contd..2), H1 2018  
Discontinued Products, H1 2018

## List Of Figures

### LIST OF FIGURES

Number of Products under Development by Stage of Development, H1 2018  
Number of Products under Development by Therapy Areas, H1 2018  
Number of Products under Development by Top 10 Indications, H1 2018  
Number of Products by Mechanism of Actions, H1 2018  
Number of Products by Stage and Mechanism of Actions, H1 2018  
Number of Products by Routes of Administration, H1 2018  
Number of Products by Stage and Routes of Administration, H1 2018  
Number of Products by Molecule Types, H1 2018  
Number of Products by Stage and Molecule Types, H1 2018

### COMPANIES MENTIONED

4SC AG  
AlfaSigma SpA  
Celgene Corp  
Chipscreen Biosciences Ltd  
Curis Inc  
HitGen LTD  
Italfarmaco SpA  
Medivir AB  
MEI Pharma Inc  
Merck & Co Inc  
Yungjin Pharm Co Ltd  
Zhejiang Hisun Pharmaceutical Co Ltd

## I would like to order

Product name: Histone Deacetylase 2 (Transcriptional Regulator Homolog RPD3 or YY1 Associated Factor 1 or HDAC2 or EC 3.5.1.98) - Pipeline Review, H1 2018

Product link: <https://marketpublishers.com/r/HB909DC73F3EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/HB909DC73F3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

