

# Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) - Pipeline Review, H2 2018

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## Abstracts

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### SUMMARY

Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) - Plasminogen activator inhibitor-1 (PAI-1) also known as endothelial plasminogen activator inhibitor or is a protein that encodes by the SERPINE1 gene. Elevated PAI-1 is a risk factor for thrombosis and atherosclerosis. PAI-1 is mainly produced by the endothelium and also by other tissue types, such as adipose tissue. PAI-1 inhibits the serine proteases tPA and urokinase and hence inhibit the physiological process that degrades blood clots. PAI-1 inhibits the activity of matrix metalloproteinases (important role in invasion of malignant cells across the basal lamina).

Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) pipeline Target constitutes close to 10 molecules. Out of which approximately 3 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase III and Preclinical stages are 1 and 2 respectively. Similarly, the universities portfolio in Phase II and Preclinical stages comprises 1 and 6 molecules, respectively.

Report covers products from therapy areas Cardiovascular, Genito Urinary System And Sex Hormones, Oncology, Respiratory, Gastrointestinal, Immunology, Central Nervous System and Metabolic Disorders which include indications Arterial Thrombosis, Renal

Failure, Chronic Myelocytic Leukemia (CML, Chronic Myeloid Leukemia), Emphysema, Focal Segmental Glomerulosclerosis (FSGS), Graft Versus Host Disease (GVHD), Hepatic Veno-Occlusive Disease, Idiopathic Pulmonary Fibrosis, Kidney Fibrosis, Liver Fibrosis, Metastatic Lung Cancer, Multiple Sclerosis, Non Alcoholic Fatty Liver Disease (NAFLD), Obesity, Pulmonary Fibrosis, Stroke, Systemic Sclerosis (Scleroderma), Thromboembolism, Thrombosis, Thrombotic Microangiopathy and Venous (Vein) Thrombosis.

The latest report Plasminogen Activator Inhibitor 1 Pipeline Review, H2 2018, outlays comprehensive information on the Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type. It also reviews key players involved in Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) targeted therapeutics development with respective active and dormant or discontinued projects.

The report is built using 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 Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1)

The report reviews Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) 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 Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) targeted therapeutics and enlists all their major and minor projects

The report assesses Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) 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 Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) 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 Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1)

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 Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) 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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Jazz Pharmaceuticals Plc

MDI Therapeutics Inc

Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) - Drug Profiles

Bispecific Antibody to Inhibit TAFI and PAI-1 for Thrombosis and Stroke - Drug Profile

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Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) - Product Development Milestones

Featured News & Press Releases

Feb 23, 2018: Jazz Pharmaceuticals Announces First Patient Enrolled in Phase 2 Clinical Trial Evaluating Defibrotide for the Prevention of Acute Graft-versus-Host Disease

Nov 01, 2017: Jazz Pharmaceuticals to Present Abstracts on Defitelio at ASH 2017

*Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) - Pipeline...*

## Annual Meeting

Jan 17, 2017: Jazz Pharmaceuticals Announces First Patient Enrolled in Phase 3 Clinical Trial Evaluating Defibrotide for the Potential Prevention of VOD in High Risk Patients

Nov 07, 2016: Jazz Pharmaceuticals to Present New Data on Defitelio at the Annual ASH Meeting

Aug 02, 2016: CMS Grants New Technology Add-On Payment to Defitelio for the Treatment of Hepatic Venous Occlusive Disease with Renal or Pulmonary Dysfunction Following Hematopoietic Stem-Cell Transplantation

Mar 30, 2016: FDA approves first treatment for rare disease in patients who receive stem cell transplant from blood or bone marrow

Mar 30, 2016: Jazz Pharmaceuticals Announces Webcast for Defitelio (defibrotide sodium) Investor Update

Feb 18, 2016: Jazz Pharmaceuticals To Present Data From Ongoing Evaluations Of Defibrotide At The 2016 BMT Tandem Meeting

Feb 01, 2016: Results from Phase 3 Trial of Defibrotide for the Treatment of Severe Venous Occlusive Disease and Multi-Organ Failure Published Online in BLOOD

Sep 30, 2015: Jazz Pharmaceuticals Announces U.S. FDA Acceptance for Filing with Priority Review of NDA for Defibrotide for Hepatic Venous Occlusive Disease

Feb 12, 2015: Jazz Pharmaceuticals to Present Data on Defibrotide, an Investigational Treatment, in Patients with Hepatic Venous Occlusive Disease at BMT Tandem Meetings

Dec 11, 2014: Jazz Pharmaceuticals Initiates Rolling NDA Submission For Defibrotide For The Treatment Of Severe Hepatic Venous Occlusive Disease

Dec 02, 2014: Jazz Pharmaceuticals To Present New Analysis Of Defibrotide Data In Patients With Hepatic Venous Occlusive Disease (VOD) At ASH Annual Meeting

Mar 31, 2014: Jazz Pharmaceuticals And Gentium Announce European Commercial Launch Of First Approved Life-Saving Treatment For Severe Hepatic Venous Occlusive Disease

Dec 11, 2013: Interim Results From Gentium's Treatment IND for Defibrotide and Additional Data on Defibrotide in the Prevention of Acute Graft Versus Host Disease Presented at the American Society of Hematology Annual Meeting

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### COMPANIES MENTIONED

CisThera Inc

Jazz Pharmaceuticals Plc

MDI Therapeutics Inc

## I would like to order

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