

Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) Drugs in Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

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Abstracts

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SUMMARY

According to the recently published report 'Plasminogen Activator Inhibitor 1 – Drugs In Development, 2022'; Plasminogen Activator Inhibitor 1 (Endothelial Plasminogen Activator Inhibitor or PAI1 or SERPINE1) pipeline Target constitutes close to 15 molecules. Out of which approximately 7 molecules are developed by companies and remaining by the universities/institutes.

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).

The report 'Plasminogen Activator Inhibitor 1 – Drugs In Development, 2022' 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; that are being developed by Companies / Universities.

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. Currently, The molecules developed by companies in Phase II, Preclinical and Discovery stages are 2, 4 and 1 respectively. Similarly, the universities portfolio in Phase II and Preclinical stages comprises 1 and 7 molecules, respectively. Report covers products from therapy areas Cardiovascular, Gastrointestinal, Oncology, Genito Urinary System And Sex Hormones, Respiratory, Central Nervous System, Immunology, Infectious Disease, Genetic Disorders, Hematological Disorders, Metabolic Disorders, Musculoskeletal Disorders, Ophthalmology and Undisclosed which include indications Arterial Thrombosis, Coronavirus Disease 2019 (COVID-19) Pneumonia, Idiopathic Pulmonary Fibrosis, Inflammatory Bowel Disease, Melanoma, Non Alcoholic Fatty Liver Disease (NAFLD), Renal Failure, Thrombosis, Acute Respiratory Distress Syndrome, Alpha-1 Antitrypsin Deficiency (A1AD), Beta Thalassaemia, Breast Cancer, Bronchiectasis, Central Nervous System (CNS) Tumor, Chronic Myelocytic Leukemia (CML, Chronic Myeloid Leukemia), Colorectal Cancer, Coronavirus Disease 2019 (COVID-19), Coronavirus Disease 2019 (COVID-19) Associated Acute Respiratory Distress Syndrome, Emphysema, Fibrosis, Focal Segmental Glomerulosclerosis (FSGS), Glioblastoma Multiforme (GBM), Graft Versus Host Disease (GVHD), Head And Neck Cancer, Hepatocellular Carcinoma, Interstitial Lung Fibrosis, Metastatic Lung Cancer, Mucocutaneous Lymph Node Syndrome (Kawasaki Disease), Multiple Sclerosis, Neuromyelitis Optica (Devic's Syndrome), Non-Small Cell Lung Carcinoma, Obesity, Open-Angle Glaucoma, Pediatric Diffuse Intrinsic Pontine Glioma, Recurrent Glioblastoma Multiforme (GBM), Sickle Cell Disease, Small-Cell Lung Cancer, Solid Tumor, Stroke, Systemic Sclerosis (Scleroderma), Thromboembolism, Unspecified and Venous (Vein) Thrombosis.

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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Advanced Vision Technologies (New York)

Astellas Pharma Inc

Beam Therapeutics Inc

Jazz Pharmaceuticals Plc

MDI Therapeutics Inc

Second Genome Inc

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Featured News & Press Releases

May 24, 2022: Second Genome presents new data at Digestive Disease Week (DDW) 2022 demonstrating that SG-5-00455, a potential first-in-class precision therapeutic, improves epithelial barrier function and promotes mucosal healing in inflammatory bowel disease

Feb 24, 2022: Second Genome virtual KOL event highlighted critical role of mucosal healing and PAI-1/2 in Inflammatory Bowel Disease (IBD)

Feb 18, 2022: Second genome presents new preclinical data for SG-5-00455, potential first-in-class development candidate targeting PAI-1/2 for the treatment of inflammatory bowel disease (IBD), at the 17th Congress of European Crohn's and Colitis Organization (ECCO)

Feb 14, 2022: Second Genome to host virtual KOL event to discuss the role of mucosal healing and PAI-1/2 in inflammatory bowel disease on February

Feb 10, 2022: Second Genome nominates development candidate targeting PAI-1/2 for the treatment of inflammatory bowel disease (IBD)

Dec 02, 2021: ACT001 combined with PD-1 in the treatment of relapsed GBM completed the first subject dosing in the United States at MD Anderson

Nov 18, 2021: Second Genome presents preclinical data at Crohn's & Colitis Foundation's IBD Innovate Conference for potential first in class mucosal healing therapeutic SG-5-00455

Nov 08, 2021: China's original drug achieves 'zero' breakthrough and is the first to be granted the rare disease qualification for children by the US FDA

Jul 07, 2021: The new immunomodulator ACT001 shows great potential

May 20, 2021: Jazz to present new data on Defitelio at EHA2021

Nov 13, 2020: Beam Therapeutics presents first data highlighting Base Editing Program for Alpha-1 Antitrypsin Deficiency at AASLD

Jul 31, 2020: Clinigen receives regulatory approval for Defitelio (Defibrotide) in Australia

May 14, 2020: Jazz Pharmaceuticals announces presentation on Defitelio at Virtual EHA 2020 Meeting

Apr 29, 2020: Jazz Pharmaceuticals stops enrollment in phase 3 study evaluating Defibrotide for the prevention of Veno-Occlusive Disease

Apr 28, 2020: Beam Therapeutics to present first data highlighting base editing program for alpha-1 antitrypsin deficiency at 23rd ASGCT Annual Meeting

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I would like to order

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