

Transforming Growth Factor Beta 1 - Pipeline Review, H1 2020

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Abstracts

Transforming Growth Factor Beta 1 - Pipeline Review, H1 2020

SUMMARY

According to the recently published report 'Transforming Growth Factor Beta 1 (TGFB1) - Pipeline Review, H1 2020'; Transforming Growth Factor Beta 1 (TGFB1) pipeline Target constitutes close to 27 molecules. Out of which approximately 20 molecules are developed by companies and remaining by the universities/institutes.

Transforming Growth Factor Beta 1 (TGFB1) - Transforming growth factor beta 1 (TGF- β 1) is a polypeptide member of the transforming growth factor beta superfamily of cytokines encoded by the TGFB1 gene. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts. It promotes either T-helper 17 cells (Th17) or regulatory T-cells (Treg) lineage differentiation in a concentration-dependent manner. It leads to FOXP3-mediated suppression of RORC and down-regulation of IL-17 expression at high concentration. It leads to expression of the IL-17 and IL-23 receptors favoring differentiation to Th17 cells at low concentration.

The report 'Transforming Growth Factor Beta 1 (TGFB1) - Pipeline Review, H1 2020' outlays comprehensive information on the Transforming Growth Factor Beta 1 (TGFB1) 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 Transforming Growth Factor Beta 1 (TGFB1)

targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 2, 3, 11 and 3 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 6 and 1 molecules, respectively.

Report covers products from therapy areas Oncology, Musculoskeletal Disorders, Ophthalmology, Respiratory, Cardiovascular, Dermatology, Gastrointestinal, Genito Urinary System And Sex Hormones, Immunology, Central Nervous System, Genetic Disorders, Hematological Disorders and Metabolic Disorders which include indications Fibrosis, Idiopathic Pulmonary Fibrosis, Breast Cancer, Kidney Fibrosis, Osteoarthritis, Solid Tumor, Squamous Cell Carcinoma, Anemia, Bile Duct Cancer (Cholangiocarcinoma), Bladder Cancer, Bone Disorders, Cholangitis, Corneal Dystrophy, Diabetic Nephropathy, Glioblastoma Multiforme (GBM), Head And Neck Cancer, Hepatocellular Carcinoma, Hyperalgesia, Hypertrophic Scars, Inflammation, Liver Fibrosis, Lung Adenocarcinoma, Melanoma, Metastatic Breast Cancer, Myelofibrosis, Non-Alcoholic Steatohepatitis (NASH), Non-Small Cell Lung Cancer, Nonmelanomatous Skin Cancer, Open-Angle Glaucoma, Osteogenesis Imperfecta, Pancreatic Cancer, Pancreatitis Pain, Peripheral Artery Occlusive Disease (PAOD), Post-Essential Thrombocythemia Myelofibrosis (Post-ET MF), Post-Polycythemia Vera Myelofibrosis (PPV-MF), Primary Myelofibrosis, Primary Sclerosing Cholangitis, Proliferative Vitreoretinopathy (PVR), Pulmonary Hypertension, Scar and Systemic Sclerosis (Scleroderma).

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 Transforming Growth Factor Beta 1 (TGFB1)

The report reviews Transforming Growth Factor Beta 1 (TGFB1) 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 Transforming Growth Factor Beta 1 (TGFB1) targeted therapeutics and enlists all their major and minor projects

The report assesses Transforming Growth Factor Beta 1 (TGFB1) 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 Transforming Growth Factor Beta 1 (TGFB1) 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 Transforming Growth Factor Beta 1 (TGFB1)

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 Transforming Growth Factor Beta 1 (TGFB1) 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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Avellino Lab USA Inc

Bonac Corp

Ensol Biosciences Inc

Forbuis

Genzyme Corp

Huabo Biopharm Co Ltd

Isarna Therapeutics GmbH

Johnson & Johnson

Novartis AG

Phio Pharmaceuticals Corp

Scholar Rock Inc

Sirnaomics Inc

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R&D Progress

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Product Description

Mechanism Of Action

R&D Progress

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Mechanism Of Action

R&D Progress

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Mechanism Of Action

R&D Progress

decorin - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Engedi-1000 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

fluorofenidone - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

fresolimumab - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

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COMPANIES MENTIONED

AlfaSigma SpA

Avacta Life Sciences Ltd

Avellino Lab USA Inc

Bonac Corp

Ensol Biosciences Inc

Forbius

Genzyme Corp

Huabo Biopharm Co Ltd

Isarna Therapeutics GmbH

Johnson & Johnson

Novartis AG

Phio Pharmaceuticals Corp

Scholar Rock Inc

Sirnaomics Inc

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