

Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) - Drugs In Development, 2021

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Abstracts

Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) - Drugs In Development, 2021

SUMMARY

Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) pipeline Target constitutes close to 8 molecules. The latest report Growth/Differentiation Factor 8 - Drugs In Development, 2021, outlays comprehensive information on the Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) - Myostatin also known as growth differentiation factor 8 or GDF-8 is a myokine a protein produced and released by myocytes. This protein is part of the transforming growth factor beta (TGF?) superfamily. Myostatin is found almost in muscles used for movement, where it is active both before and after birth. This protein normally restrains muscle growth, ensuring that muscles do not grow too large. The molecules developed by companies in Phase III, Phase II, Phase I and Preclinical stages are 1, 3, 3 and 1 respectively.

Report covers products from therapy areas Central Nervous System, Musculoskeletal Disorders, Genetic Disorders, Hematological Disorders and Oncology which include indications Spinal Muscular Atrophy (SMA), Duchenne Muscular Dystrophy, Amyotrophic Lateral Sclerosis, Anemia, Becker Muscular Dystrophy, Beta Thalassaemia, Fibrodysplasia Ossificans Progressiva (Myositis Ossificans Progressiva), Limb-Girdle Muscular Dystrophy, Muscle Wasting Disorders, Myelodysplastic

Syndrome, Myelofibrosis, Neuromuscular Disorders, Post-Essential Thrombocythemia Myelofibrosis (Post-ET MF), Post-Polycythemia Vera Myelofibrosis (PPV-MF) and Sarcopenia.

Furthermore, this report also reviews key players involved in Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) 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 Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN)

The report reviews Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) 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 Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) targeted therapeutics and enlists all their major and minor projects

The report assesses Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) 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 Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) 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 Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) 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 Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) 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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Assessment by Route of Administration

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Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) - Companies Involved in
Therapeutics Development

Accelaron Pharma Inc

Biogen Inc

Bioleaders Corp

Chugai Pharmaceutical Co Ltd

PeptiDream Inc

Pfizer Inc

Regeneron Pharmaceuticals Inc

Scholar Rock Inc

Growth/Differentiation Factor 8 (Myostatin or GDF8 or MSTN) - Drug Profiles

apitegromab - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BIIB-110 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BLSM-22 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

domagrozumab - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Milestones

Featured News & Press Releases

Jul 28, 2021: Acceleron announces second quarter 2021 REBLOZYL net sales

Jun 18, 2021: Scholar Rock to present Apitegromab TOPAZ phase 2 trial results highlighting pharmacokinetic (PK) and pharmacodynamic (PD) data at the 2021 European Academy of Neurology Congress

Jun 11, 2021: Scholar Rock presents TOPAZ phase 2 data showing the transformative potential of apitegromab in patients with type 2 and 3 Spinal Muscular Atrophy (SMA) at the 2021 Virtual SMA Research & Clinical Care Meeting

Jun 11, 2021: Bristol Myers Squibb and Acceleron present first results from phase 2 beyond study of Reblozyl (Luspatercept-aamt) In adults with non-transfusion dependent (NTD) beta thalassemia

Jun 07, 2021: Scholar Rock to present Apitegromab clinical data from the TOPAZ phase 2 trial in patients with Type 2 and 3 Spinal Muscular Atrophy at the 2021 Virtual SMA Research & Clinical Care Meeting

May 24, 2021: Scholar Rock receives fast track designation from the U.S. FDA for

apitegromab for the treatment of patients with spinal muscular atrophy

May 12, 2021: Acceleron announces presentations on REBLOZYL (Iuspatercept-aamt) at the 2021 European Hematology Association Virtual Congress

May 11, 2021: Scholar Rock announces publication of phase 1 clinical trial data evaluating Apitegromab in healthy volunteers in the journal *Advances in Therapy*

Apr 26, 2021: Scholar Rock announces issuance of U.S. Patent broadly relevant to inhibitors of myostatin activation

Apr 06, 2021: Scholar Rock announces positive 12-month top-line results from the TOPAZ phase 2 clinical trial evaluating apitegromab in patients with type 2 and type 3 spinal muscular atrophy (SMA)

Mar 17, 2021: Scholar Rock announces issuance of U.S. patent protecting add-on or combination therapy with a myostatin inhibitor for the treatment of spinal muscular atrophy

Mar 15, 2021: Scholar Rock presents TOPAZ interim analysis data for Apitegromab in spinal muscular atrophy at the 2021 Muscular Dystrophy Association (MDA) virtual clinical & scientific conference

Feb 16, 2021: Health Canada approves REBLOZYL (Iuspatercept), new class of treatment for adult patients living with myelodysplastic syndromes

Feb 04, 2021: Acceleron announces fourth quarter and full year 2020 Reblozyl net sales

Nov 04, 2020: Rocket Pharmaceuticals to present data from its Fanconi Anemia, leukocyte adhesion deficiency-i and pyruvate kinase deficiency programs at the 62nd American Society of Hematology Annual Meeting

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