

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update

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Abstracts

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update

SUMMARY

According to the recently published report 'Insulin Like Growth Factor I - Drugs In Development, 2022'; Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) pipeline Target constitutes close to 10 molecules. Out of which approximately 7 molecules are developed by companies and remaining by the universities/institutes.

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) - Insulin-like growth factor 1 (IGF-1) also called somatomedin C is a protein encoded by the IGF1 gene. It stimulates glucose transport in bone-derived osteoblastic (PyMS) cells and is effective at much lower concentrations than insulin. It plays a role in synapse maturation. It acts as a ligand for IGF1R. It binds to the alpha subunit of IGF1R, leading to the activation of the intrinsic tyrosine kinase activity which autophosphorylates tyrosine residues in the beta subunit thus initiates a cascade of down-stream signaling events leading to activation of the PI3K-AKT/PKB and the Ras-MAPK pathways. It binds to integrins ITGA5:ITGB3 and ITGA6:ITGB4. It also binds to integrins and subsequent ternary complex formation with integrins and IGFR1 are essential for IGF1 signaling.

The report 'Insulin Like Growth Factor I - Drugs In Development, 2022' outlays comprehensive information on the Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) 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 Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) 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 3, 3 and 1 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 1 and 2 molecules, respectively. Report covers products from therapy areas Oncology, Central Nervous System, Cardiovascular, Metabolic Disorders, Musculoskeletal Disorders and Ophthalmology which include indications Neuropathic Pain (Neuralgia), Acute Ischemic Stroke, Age Related Macular Degeneration, Amyotrophic Lateral Sclerosis, Breast Cancer, Diabetic Retinopathy, Human Epidermal Growth Factor Receptor 2 Negative Breast Cancer (HER2%li%Breast Cancer), Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Neuroendocrine Tumors, Non-Small Cell Lung Cancer, Parkinson's Disease, Peripheral Nerve Injury, Peripheral Neuropathy (Sensory Neuropathy), Prostate Cancer, Retinal Vein Occlusion, Sarcopenia and Solid Tumor.

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 Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1)

The report reviews Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) 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 Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) targeted therapeutics and enlists all their major and minor projects

The report assesses Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) 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 Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) 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 Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) 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 Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1)

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

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) -
Overview

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) -
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

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) -
Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) -
Companies Involved in Therapeutics Development

Boehringer Ingelheim International GmbH

Genervon Biopharmaceuticals LLC

Helixmith Co Ltd

Regulaxis SAS

SIFI SpA

Stem Cell Medicine Ltd

Twinpigbiolab Co Ltd

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) -
Drug Profiles

GM-6 - Drug Profile

Product Description

Mechanism Of Action

History of Events

M-610.27 - Drug Profile

Product Description

Mechanism Of Action

M-630 - Drug Profile

Product Description

Mechanism Of Action

NM-101 - Drug Profile

Product Description

Mechanism Of Action

Recombinant Protein to Inhibit IGF-1 and IGF-2 for Breast Cancer - Drug Profile

Product Description

Mechanism Of Action

REGC-7 - Drug Profile

Product Description

Mechanism Of Action

sorafenib tosylate - Drug Profile

Product Description

Mechanism Of Action

History of Events

Stem Cell Therapy to Activate BDNF, GDNF, IGF1 and VEGF for Peripheral Nerve Injury and Neuropathic Pain - Drug Profile

Product Description

Mechanism Of Action

History of Events

TB-796 - Drug Profile

Product Description

Mechanism Of Action

xentuzumab - Drug Profile

Product Description

Mechanism Of Action

History of Events

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) - Dormant Products

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) - Discontinued Products

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) - Product Development Milestones

Featured News & Press Releases

Feb 26, 2018: Genervon Presents Innovative CNS Drug Candidate at 2018 BIO CEO & Investor Conference

Dec 08, 2017: GM604 Is a Multi-Target Regulator That Provides a Novel Treatment Strategy for ALS

Mar 23, 2017: Confidential Data from Genervon ALS Phase 2A Clinical Trial Were Released and Published

Jan 10, 2017: Genervon Releases ALS, PD and AD Disease Associated Gene Lists

Insulin Like Growth Factor I (Mechano Growth Factor or Somatomedin C or IGF1) Drugs in Development by Stages,...

Modulated by GM6 and Encourages Researchers to Explore New Discoveries beyond Single Target Drug Development Paradigm

Dec 27, 2016: ALS and Alzheimer's disease bioinformatics reports confirm GM6's role as regulator of disease-relevant pathways

Jun 06, 2016: GENERVON GM604 received EUs orphan drug designation to treat ALS

May 23, 2016: ALS Patients from Around the World Responding Well to Genervons GM604

May 03, 2016: GM604 to Be Granted "Orphan Drug" Status in Europe

Sep 22, 2015: Genervon GM604 Reduced TDP-43 Protein Aggregates and Slowed Down ALS Progression

Jun 29, 2015: Genervon Filed Patent for Using GM604 Modulations of ALS Disease Biomarkers Showing Homeostasis, Leading to Prognosis and Therapeutic Treatment for ALS Disease

Apr 17, 2015: Amyotrophic Lateral Sclerosis Statement; FDA

Jan 08, 2015: Genervon Announces ALS Compassionate Use Results

Oct 19, 2014: Genervon Announces ALS and PD Phase 2a Trial Results

Jun 30, 2014: Genervon Announces Biomarker Data from GALS-001 Clinical Trial for ALS

Apr 28, 2014: Genervon Successfully Completes its Phase 2a Clinical Trial for ALS

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, 2022

Number of Products under Development by Therapy Areas, 2022

Number of Products under Development by Indication, 2022

Number of Products under Development by Companies, 2022

Products under Development by Companies, 2022

Number of Products under Investigation by Universities/Institutes, 2022

Products under Investigation by Universities/Institutes, 2022

Number of Products by Stage and Mechanism of Actions, 2022

Number of Products by Stage and Route of Administration, 2022

Number of Products by Stage and Molecule Type, 2022

Pipeline by Boehringer Ingelheim International GmbH, 2022

Pipeline by Genervon Biopharmaceuticals LLC, 2022

Pipeline by Helixmith Co Ltd, 2022

Pipeline by Regulaxis SAS, 2022

Pipeline by SIFI SpA, 2022

Pipeline by Stem Cell Medicine Ltd, 2022

Pipeline by Twinpigbiolab Co Ltd, 2022

Dormant Products, 2022

Dormant Products, 2022 (Contd..1)

Discontinued Products, 2022

List Of Figures

LIST OF FIGURES

Number of Products under Development by Stage of Development, 2022

Number of Products under Development by Therapy Areas, 2022

Number of Products under Development by Top 10 Indications, 2022

Number of Products by Mechanism of Actions, 2022

Number of Products by Stage and Mechanism of Actions, 2022

Number of Products by Top 10 Routes of Administration, 2022

Number of Products by Stage and Top 10 Routes of Administration, 2022

Number of Products by Top 10 Molecule Types, 2022

Number of Products by Stage and Top 10 Molecule Types, 2022

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