

# Collagenase 3 - Pipeline Review, H1 2020

https://marketpublishers.com/r/C9994031E8CDEN.html

Date: April 2020

Pages: 60

Price: US\$ 3,500.00 (Single User License)

ID: C9994031E8CDEN

## **Abstracts**

Collagenase 3 - Pipeline Review, H1 2020

#### SUMMARY

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) pipeline Target constitutes close to 5 molecules. Out of which approximately 4 molecules are developed by companies and remaining by the universities/institutes. The latest report Collagenase 3 - Pipeline Review, H1 2020, outlays comprehensive information on the Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Collagenase-3 (MMP13) is a member of the matrix metalloproteinase (MMP) family of neutral endopeptidases. It plays a role in the degradation of extracellular matrix proteins including fibrillar collagen, fibronectin, TNC and ACAN, wound healing, tissue remodeling, cartilage degradation, bone development, bone mineralization and ossification.

The molecules developed by companies in Phase II, Preclinical and Discovery stages are 1, 2 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Musculoskeletal Disorders, Cardiovascular, Central Nervous System, Genetic Disorders, Infectious Disease and Respiratory which include indications Osteoarthritis, Allergic Asthma, Alphavirus Infections, Arthralgia (Joint Pain), Arthritis, Chikungunya Fever, Congestive Heart Failure (Heart Failure), Edema, Knee Osteoarthritis, Mucopolysaccharidosis I (MPS I) (Hurler Syndrome), Myocardial Infarction, Osteoarthritis Pain and Seasonal Allergic Rhinitis.



Furthermore, this report also reviews key players involved in Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) 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 Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.)

The report reviews Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) 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 Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) targeted therapeutics and enlists all their major and minor projects

The report assesses Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) 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 Collagenase 3 (Matrix



Metalloproteinase 13 or MMP13 or EC 3.4.24.) 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 Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.)

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 Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) 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

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Overview

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - 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

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Therapeutics

Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Companies

Involved in Therapeutics Development

Aquilus Pharmaceuticals Inc

Paradigm Biopharmaceuticals Ltd

Pfizer Inc

Pharmahungary Group

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Drug Profiles

pentosan polysulfate sodium - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

PF-152 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

Proteins for Rheumatoid Arthritis and Osteoarthritis - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

Small Molecules to Inhibit MMP 2,9 and 13 for Myocardial Infarction - Drug Profile

**Product Description** 

Mechanism Of Action



**R&D Progress** 

Small Molecules to Inhibit MMP-13 for Osteoarthritis Pain and Inflammation - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Dormant Products

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Discontinued Products

Collagenase 3 (Matrix Metalloproteinase 13 or MMP13 or EC 3.4.24.) - Product Development Milestones

Featured News & Press Releases

Feb 21, 2020: Paradigm reports positive pre-IND meeting with US FDA

Feb 18, 2020: Paradigm reports: first patient dosed in USA under FDA approved expanded access program

Feb 13, 2020: Paradigm presents MPS VI poster at the World MPS Symposium in Orlando, Florida

Sep 30, 2019: Peer-reviewed publication confirms Paradigms ground-breaking discovery regarding new MOA for PPS

Sep 10, 2019: Paradigms first FDA IND is cleared within the 30-day review period

Aug 29, 2019: Paradigm discovers Zilosulo (iPPS) protects cartilage in knee osteoarthritis

Jun 04, 2019: Paradigm reports successful ross river phase 2a clinical trial

May 28, 2019: Paradigm reports positive RWE data for knee osteoarthritis therapeutic

Apr 16, 2019: Paradigm's knee osteoarthritis study meets secondary endpoints

Feb 14, 2019: Paradigm's orphan phase 2/3 clinical program progresses

Nov 07, 2018: Paradigms Osteoarthritis treatment maintains more than 50% knee pain reduction

Sep 25, 2018: Paradigm consistently shows greater than 50% knee pain reduction

Aug 28, 2018: Paradigm's phase 2 a Ross River virus clinical trial recruitment finalised

Aug 15, 2018: Paradigm achieves 60% reduction in osteoarthritis pain

Aug 06, 2018: Paradigm achieves 100% recruitment in Phase 2b Osteoarthritis Trial 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, H1 2020

Number of Products under Development by Therapy Areas, H1 2020

Number of Products under Development by Indication, H1 2020

Number of Products under Development by Companies, H1 2020

Products under Development by Companies, H1 2020

Number of Products under Investigation by Universities/Institutes, H1 2020

Products under Investigation by Universities/Institutes, H1 2020

Number of Products by Stage and Mechanism of Actions, H1 2020

Number of Products by Stage and Route of Administration, H1 2020

Number of Products by Stage and Molecule Type, H1 2020

Pipeline by Aquilus Pharmaceuticals Inc, H1 2020

Pipeline by Paradigm Biopharmaceuticals Ltd, H1 2020

Pipeline by Pfizer Inc, H1 2020

Pipeline by Pharmahungary Group, H1 2020

Dormant Products, H1 2020

Dormant Products, H1 2020 (Contd..1), H1 2020

Discontinued Products, H1 2020



## **List Of Figures**

#### **LIST OF FIGURES**

Number of Products under Development by Stage of Development, H1 2020

Number of Products under Development by Therapy Areas, H1 2020

Number of Products under Development by Top 10 Indications, H1 2020

Number of Products by Stage and Mechanism of Actions, H1 2020

Number of Products by Routes of Administration, H1 2020

Number of Products by Stage and Routes of Administration, H1 2020

Number of Products by Molecule Types, H1 2020

Number of Products by Stage and Molecule Types, H1 2020

#### **COMPANIES MENTIONED**

Aquilus Pharmaceuticals Inc Paradigm Biopharmaceuticals Ltd Pfizer Inc Pharmahungary Group



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