

Osteoarthritis - Pipeline Insight, 2021

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Abstracts

This report can be delivered to the clients within 2-3 Business Days

DelveInsight's, "Osteoarthritis - Pipeline Insight, 2021," report provides comprehensive insights about 80+ companies and 80+ pipeline drugs in Osteoarthritis pipeline landscape. It covers the pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

Geography Covered

Global coverage

Osteoarthritis Understanding

Osteoarthritis: Overview

Osteoarthritis (also known as OA) is a common joint disease that most often affects middle-age to elderly people. It is commonly referred to as 'wear and tear' of the joints, but we now know that OA is a disease of the entire joint, involving the cartilage, joint lining, ligaments, and bone. Although it is more common in older people, it is not really accurate to say that the joints are just "wearing out." It is characterized by breakdown of the cartilage (the tissue that cushions the ends of the bones between joints), bony changes of the joints, deterioration of tendons and ligaments, and various degrees of inflammation of the joint lining (called the synovium). OA is a top cause of disability in older people. The goal of osteoarthritis treatment is to reduce pain and improve function. There is no cure for the disease, but some treatments attempt to slow disease

progression.

'Osteoarthritis - Pipeline Insight, 2021' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the Osteoarthritis pipeline landscape is provided which includes the disease overview and Osteoarthritis treatment guidelines. The assessment part of the report embraces, in depth Osteoarthritis commercial assessment and clinical assessment of the pipeline products under development. In the report, detailed description of the drug is given which includes mechanism of action of the drug, clinical studies, NDA approvals (if any), and product development activities comprising the technology, Osteoarthritis collaborations, licensing, mergers and acquisition, funding, designations and other product related details.

Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence Osteoarthritis R&D. The therapies under development are focused on novel approaches to treat/improve Osteoarthritis.

Osteoarthritis Emerging Drugs Chapters

This segment of the Osteoarthritis report encloses its detailed analysis of various drugs in different stages of clinical development, including phase II, I, preclinical and Discovery. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

Osteoarthritis Emerging Drugs

Ampion: Ampio Pharmaceuticals

Ampion is being developed as an intra-articular injection to treat the signs and symptoms of severe osteoarthritis of the knee (OAK), which continues to be a growing epidemic in the United States and other countries worldwide. Ampion regulates key components of the immune response connected to pain, inflammation, and joint damage in osteoarthritis. In vitro studies show that Ampion reduces the production of the cytokines responsible for inflammation (TNF α , IL-1 β , IL-6, IL-12) by regulating with the genetic transcriptional pathways (NF κ B, STAT) responsible for the overproduction

of these cytokines while activating anti-inflammatory proteins responsible for tissue growth and healing. This mechanism of action has an overall clinical effect that has been shown to relieve pain and improve function in the knee for patients in clinical trials. Additionally, this mechanism may have the potential to stop, or reverse, disease progression after continued treatment with Ampion, which needs to be evaluated in the clinical. Currently, it is in Phase III stage of clinical trial evaluation to treat osteoarthritis.

Lorecivivint (SM04690): Biosplice Therapeutics

Biosplice Therapeutics has developed an injectable small-molecule inhibitor of the CDC2-like kinase (CLK) and dual-specificity tyrosine regulated kinase (DYRK) family. Biosplice is conducting two large placebo-controlled phase III clinical trials where it hopes to demonstrate reduction in knee osteoarthritis pain with a single injection over the course of 6 months and 12 months, with follow-up beyond a year. Based on the mechanism of action, Biosplice is also exploring the impact lorecivivint plays on inflammation, function, and cartilage protective effects through patient reported outcomes and structural endpoints.

Further product details are provided in the report.....

Osteoarthritis: Therapeutic Assessment

This segment of the report provides insights about the different Osteoarthritis drugs segregated based on following parameters that define the scope of the report, such as:

Major Players in Osteoarthritis

There are approx. 80+ key companies which are developing the therapies for Osteoarthritis. The companies which have their Osteoarthritis drug candidates in the most advanced stage, i.e. phase III include, Ampio Pharmaceuticals.

Phases

DelveInsight's report covers around 80+ products under different phases of clinical development like

Late stage products (Phase III)

Mid-stage products (Phase II)

Early-stage product (Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

Osteoarthritis pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Oral

Parenteral

intravenous

Subcutaneous

Topical.

Molecule Type

Products have been categorized under various Molecule types such as

Monoclonal Antibody

Peptides

Polymer

Small molecule

Gene therapy

Product Type

Drugs have been categorized under various product types like Mono, Combination and Mono/Combination.

Osteoarthritis: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Osteoarthritis therapeutic drugs key players involved in developing key drugs.

Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging Osteoarthritis drugs.

Osteoarthritis Report Insights

Osteoarthritis Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

Osteoarthritis Report Assessment

Pipeline Product Profiles

Therapeutic Assessment

Pipeline Assessment

Inactive drugs assessment

Unmet Needs

Key Questions

Current Treatment Scenario and Emerging Therapies:

How many companies are developing Osteoarthritis drugs?

How many Osteoarthritis drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of Osteoarthritis?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Osteoarthritis therapeutics?

What are the recent trends, drug types and novel technologies developed to overcome the limitation of existing therapies?

What are the clinical studies going on for Osteoarthritis and their status?

What are the key designations that have been granted to the emerging drugs?

Key Players

Ampio Pharmaceuticals

Biosplice Therapeutics

Symic Bio

UnicoCell Biomed CO. LTD

Eupraxia Pharmaceuticals Inc.

Eli Lilly and Company

Xalud Therapeutics, Inc.

ICM Biotech Australia Pty Ltd.

Taiwan Liposomal Company

Gwo Xi Stem Cell Applied Technology Co., Ltd.

K-STEMCELL

Centrexion Therapeutics

Techfields Pharma

AstraZeneca

Merck KGaA

Novartis

Antibe Therapeutics Inc.

Bioventus LLC

PMG Pharm Co., Ltd

Meluha Life Sciences SDN BHD

Anika Therapeutics

MiMedx Group, Inc.

Medivir

Orient Europharma Co., Ltd.

HSRx Biopharmaceutical

Meiji Seika Pharma

Peptinov

Atlanthera

Yuhan

OrthoTrophix

CartilaGen

Key Products

Ampion

Lorecivivint (SM04690)

SB-061

Elixcyte

V120083

Tanezumab

XT-150

ICM-203

TLC599

GXCPC1

JointStem

CNTX-4975-05

X0002

MEDI7352

M6495

LNA043

ATB-346

PTP-001

PK101

Chondrogen

Cingal

Micronized DHACM

MIV-711

2ccPA

PPV 06

1102-11

YH 23537

TPX 100

CG 001

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Assessment by Stage and Route of Administration

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Assessment by Stage and Molecule Type

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Comparative Analysis

Ampion: Ampio Pharmaceuticals

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Mid Stage Products (Phase II)

Comparative Analysis

LNA 043: Novartis

Product Description

Research and Development

Product Development Activities

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Early Stage Products (Phase I)

Comparative Analysis

PPV 06: Peptinov

Product Description

Research and Development

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CG 001: CartilaGen
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