

# Osteoarthritis Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update

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### **Abstracts**

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### SUMMARY

Global Markets Direct's latest Pharmaceutical and Healthcare disease pipeline guide Osteoarthritis - Drugs In Development, 2022, provides an overview of the Osteoarthritis (Musculoskeletal Disorders) pipeline landscape.

Osteoarthritis (OA) is one of the most common forms of arthritis. It is a chronic condition in which the cartilage breaks down. Symptoms of osteoarthritis include sore or stiff joints, pain that is worse after activity, bone spurs and grating sensation. Risk factors include older age, joint injuries and obesity. Treatment includes surgery, medications like non-steroidal anti-inflammatory drugs (NSAIDs) and exercise.

### **REPORT HIGHLIGHTS**

Global Markets Direct's Pharmaceutical and Healthcare latest pipeline guide Osteoarthritis - Drugs In Development, 2022, provides comprehensive information on the therapeutics under development for Osteoarthritis (Musculoskeletal Disorders), complete with analysis by stage of development, drug target, mechanism of action (MoA), route of administration (RoA) and molecule type. The guide covers the descriptive pharmacological action of the therapeutics, its complete research and development history and latest news and press releases.



The Osteoarthritis (Musculoskeletal Disorders) pipeline guide also reviews of key players involved in therapeutic development for Osteoarthritis and features dormant and discontinued projects. The guide covers therapeutics under Development by Companies/Universities/Institutes, the molecules developed by Companies in Pre-Registration, Phase III, Phase II, Phase I, Phase 0, IND/CTA Filed, Preclinical, Discovery and Unknown stages are 2, 13, 39, 27, 2, 5, 80, 23 and 2 respectively. Similarly, the Universities portfolio in Phase III, Phase II, Phase I, Preclinical and Discovery stages comprises 1, 1, 2, 9 and 7 molecules, respectively.

Osteoarthritis (Musculoskeletal Disorders) pipeline guide helps in identifying and tracking emerging players in the market and their portfolios, enhances decision making capabilities and helps to create effective counter strategies to gain competitive advantage. The guide is built using data and information sourced from Global Markets Direct's 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. Additionally, various dynamic tracking processes ensure that the most recent developments are captured on a real time basis.

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

### SCOPE

The pipeline guide provides a snapshot of the global therapeutic landscape of Osteoarthritis (Musculoskeletal Disorders).

The pipeline guide reviews pipeline therapeutics for Osteoarthritis (Musculoskeletal Disorders) by companies and universities/research institutes based on information derived from company and industry-specific sources.

The pipeline guide covers pipeline products based on several stages of development ranging from pre-registration till discovery and undisclosed stages.

The pipeline guide features descriptive drug profiles for the pipeline products which comprise, product description, descriptive licensing and collaboration details, R&D brief, MoA & other developmental activities.

The pipeline guide reviews key companies involved in Osteoarthritis



(Musculoskeletal Disorders) therapeutics and enlists all their major and minor projects.

The pipeline guide evaluates Osteoarthritis (Musculoskeletal Disorders) therapeutics based on mechanism of action (MoA), drug target, route of administration (RoA) and molecule type.

The pipeline guide encapsulates all the dormant and discontinued pipeline projects.

The pipeline guide reviews latest news related to pipeline therapeutics for Osteoarthritis (Musculoskeletal Disorders)

### **REASONS TO BUY**

Procure strategically important competitor information, analysis, and insights to formulate effective R&D strategies.

Recognize emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage.

Find and recognize significant and varied types of therapeutics under development for Osteoarthritis (Musculoskeletal Disorders).

Classify potential new clients or partners in the target demographic.

Develop tactical initiatives by understanding the focus areas of leading companies.

Plan mergers and acquisitions meritoriously by identifying key players and it's most promising pipeline therapeutics.

Formulate corrective measures for pipeline projects by understanding Osteoarthritis (Musculoskeletal Disorders) pipeline depth and focus of Indication therapeutics.

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.

Adjust the therapeutic portfolio by recognizing discontinued projects and understand from the know-how what drove them from pipeline.



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Apr 13, 2022: FDA grants Fast Track Designation for Paradigm Biopharmaceuticals phase III osteoarthritis program

Apr 08, 2022: TPX-100: OrthoTrophix presents new data suggesting joint bone shape as a possible surrogate marker for virtual joint replacement in knee osteoarthritis Mar 17, 2022: Paradigm Biopharmaceuticals initiates a phase 3 clinical trial in knee osteoarthritis across the U.S

Mar 17, 2022: Paradigm has received regulatory and ethics approvals for the PARA\_OA\_002 clinical trial in the UK.

Mar 14, 2022: Medipost begins administration of knee osteoarthritis drug in P2 trial Mar 03, 2022: 4P-Pharma and QuantHealth join forces to conduct AI-based in-Silico clinical trial simulations

- Feb 17, 2022: Synartro granted European patent
- Feb 08, 2022: Enveric Biosciences announces successful synthesis and filing of provisional patent for EV-104a Cannabinoid + Celecoxib Conjugate

Jan 13, 2022: First subjects randomised dosed in PARA\_0A\_002 phase 3 study in Australia

Jan 12, 2022: Paradigm presentation at the 40th Annual J.P. Morgan Healthcare



Conference

Dec 28, 2021: Kolon TissueGene resumes TG-C phase III studies in the U.S.

Dec 13, 2021: FDA approves XBiotech's IND in rheumatology

Dec 03, 2021: Kolon TissueGene to expand indications for TG-C

Nov 01, 2021: Two new studies demonstrate in vitro bioactivity potential of micronized dehydrated human amnion chorion membrane (mdHACM) to prevent pathological processes underlying osteoarthritis (OA) and tendinopathy

Sep 21, 2021: TPX-100: OrthoTrophix published a new research article demonstrating disease modification in knee osteoarthritis

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