

Alpha-synuclein inhibitors - Pipeline Insight, 2022

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Abstracts

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DelveInsight's, "Alpha-Synuclein Inhibitors - Pipeline Insight, 2022" report provides comprehensive insights about 15+ companies and 15+ pipeline drugs in Alpha-Synuclein Inhibitors 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

Alpha-Synuclein Inhibitors Understanding

Alpha-Synuclein Inhibitors: Overview

α-Synuclein is a highly soluble unfolded protein that accumulates in Lewy bodies and Lewy neurites in Parkinson disease and other synucleinopathies. It is abundant in the brain, while smaller amounts are found in the heart, muscle and other tissues. In the brain, alpha-synuclein is found mainly at the tips of neurons in specialized structures called presynaptic terminals

Function - Although the function of alpha-synuclein is not well understood, studies suggest that it plays a role in restricting the mobility of synaptic vesicles, consequently attenuating synaptic vesicle recycling and neurotransmitter release. An alternate view is that alpha-synuclein binds to VAMP2 (a synaptobrevin) and stabilizes SNARE

complexes; though recent studies indicate that alpha-synuclein–VAMP2 binding is critical for alpha-synuclein-mediated attenuation of synaptic vesicle recycling, connecting the two seemingly divergent views. It may also help regulate the release of dopamine, a type of neurotransmitter that is critical for controlling the start and stop of voluntary and involuntary movements.

Alpha-Synuclein Inhibitors - Synucleinopathies are a group of disorders characterized by the accumulation of α -Synuclein amyloid inclusions in the brain. Preventing α -Synuclein aggregation is challenging because of the disordered nature of the protein and the stochastic nature of fibrillogenesis, but, at the same time, it is a promising approach for therapeutic intervention in these pathologies.

Alpha-Synuclein Inhibitors Emerging Drugs Chapters

This segment of the Alpha-Synuclein Inhibitors report encloses its detailed analysis of various drugs in different stages of clinical development, including phase III, 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.

Alpha-Synuclein Inhibitors Emerging Drugs

R-phenserine: Annovis Bio

R -phenserine is a R-enantiomer (positive isomer) of phenserine, being developed by Annovis Bio (formerly QR Pharma), under a licence from Horizon Therapeutics plc (formerly Horizon Pharma), for the treatment of Alzheimer's disease (AD) and dementia in Down syndrome (AD-DS), Parkinson's disease (PD), stroke and traumatic brain injuries. Currently, it is in phase 2 stage of development for the treatment of Mild cognitive impairment.

UCB 0599: UCB Biopharma

UCB0599 is an orally bioavailable, brain barrier penetrant small molecule that prevents the oligomerization of alpha-synuclein. Alpha-synuclein oligomerization and aggregation is implicated in Parkinson's disease and other degenerative diseases. By inhibiting misfolding and oligomerization of alpha-synuclein, it is believed that the progression of

Parkinson's disease can be slowed or halted. UCB0599 belongs to a series of molecules discovered by Neuropore, which were licensed to UCB in 2014. Currently, it is in phase 2 stage of development for the treatment of Parkinson's disease.

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

Alpha-Synuclein Inhibitors: Therapeutic Assessment

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

Major Players working on Alpha-Synuclein Inhibitors

There are approx. 15+ key companies which are developing the Alpha-Synuclein Inhibitors. The companies which have their Alpha-Synuclein Inhibitors drug candidates in the most advanced stage, i.e. phase III include, Annovis Bio.

Phases

DelveInsight's report covers around 15+ products under different phases of clinical development like

Late-stage products (Phase III and

Mid-stage products (Phase II and

Early-stage products (Phase I/II and Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

Alpha-Synuclein Inhibitors pipeline report provides the therapeutic assessment of the

pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Infusion

Intradermal

Intramuscular

Intranasal

Intravaginal

Oral

Parenteral

Subcutaneous

Topical.

Molecule Type

Products have been categorized under various Molecule types such as

Vaccines

Monoclonal Antibody

Peptides

Polymer

Small molecule

Product Type

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

Alpha-Synuclein Inhibitors: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Alpha-Synuclein Inhibitors 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 Alpha-Synuclein Inhibitors drugs.

Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence Alpha-Synuclein Inhibitors R&D. The therapies under development are focused on novel approaches for Alpha-Synuclein Inhibitors.

Alpha-Synuclein Inhibitors Report Insights

Alpha-Synuclein Inhibitors Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

Alpha-Synuclein Inhibitors Report Assessment

Pipeline Product Profiles

Therapeutic Assessment

Pipeline Assessment

Inactive drugs assessment

Unmet Needs

Key Questions

Current Scenario and Emerging Therapies:

How many companies are developing Alpha-Synuclein Inhibitors drugs?

How many Alpha-Synuclein Inhibitors drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for Alpha-Synuclein Inhibitors?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Alpha-Synuclein Inhibitors 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 Alpha-Synuclein Inhibitors and their status?

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

Key Players

Annovis Bio

UCB Biopharma

Alterity Therapeutics

Denali Therapeutics Inc

Lundbeck A/S

AbbVie

Prevail Therapeutics

United Neuroscience

AstraZeneca

Nitrome Biosciences

Enterin

AFFiRiS

Prothena Corporation

Roche

Proclara Biosciences

Modag

ProMIS Neurosciences

Key Products

R-phenserine

UCB 0599

ATH 434

ATV:aSyn

Lu AF82422

ABBV 0805

PR 004

UB 312

MEDI 1341

ENT 01

Affitope PD01

Affitope PD03

Prasinezumab

NPT 189

anle 138b

Contents

Introduction

Executive Summary

Alpha-Synuclein Inhibitors: Overview

Structure

Mechanism of Action

Pipeline Therapeutics

Comparative Analysis

Therapeutic Assessment

Assessment by Product Type

Assessment by Stage and Product Type

Assessment by Route of Administration

Assessment by Stage and Route of Administration

Assessment by Molecule Type

Assessment by Stage and Molecule Type

Alpha-Synuclein Inhibitors – DelveInsight's Analytical Perspective

In-depth Commercial Assessment

Alpha-Synuclein Inhibitors companies' collaborations, Licensing, Acquisition -Deal

Value Trends

Alpha-Synuclein Inhibitors Collaboration Deals

Company-Company Collaborations (Licensing / Partnering) Analysis

Company-University Collaborations (Licensing / Partnering) Analysis

Late Stage Products (Pre-registration)

Comparative Analysis

Drug name: Company name

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Mid Stage Products (Phase II)

Comparative Analysis

R-phenserine: Annovis Bio

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Early Stage Products (Phase I)

Comparative Analysis

ATH 434: Alterity Therapeutics

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Pre-clinical and Discovery Stage Products

Comparative Analysis

PR 004: Prevail Therapeutics

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Inactive Products

Comparative Analysis

Alpha-Synuclein Inhibitors Key Companies

Alpha-Synuclein Inhibitors Key Products

Alpha-Synuclein Inhibitors- Unmet Needs

Alpha-Synuclein Inhibitors- Market Drivers and Barriers

Alpha-Synuclein Inhibitors- Future Perspectives and Conclusion

Alpha-Synuclein Inhibitors Analyst Views

Alpha-Synuclein Inhibitors Key Companies

Appendix

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