

Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) - Drugs in Development, 2021

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Abstracts

Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) - Drugs in Development, 2021

SUMMARY

Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) pipeline Target constitutes close to 16 molecules. Out of which approximately 14 molecules are developed by companies and remaining by the universities/institutes. The latest report Neuronal Acetylcholine Receptor Subunit Alpha 7 - Drugs In Development, 2021, outlays comprehensive information on the Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) - Neuronal acetylcholine receptor subunit alpha-7 is a protein encoded by the CHRNA7 gene. After binding to acetylcholine it undergoes an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The channel is blocked by alpha-bungarotoxin. The molecules developed by companies in Phase II, Phase I and Preclinical stages are 3, 4 and 7 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively. Report covers products from therapy areas Central Nervous System, Cardiovascular, Gastrointestinal and Oncology which include indications Alzheimer's Disease, Cognitive Impairment Associated With Schizophrenia (CIAS), Schizophrenia, Traumatic Brain Injury, Anxiety Disorders, Cognitive Impairment, Pain, Parkinson's Disease, Bipolar Disorder (Manic Depression), Cognitive Disorders, Complex Regional Pain Syndrome

(Sympathetic Reflex Dystrophy/Reflex Sympathetic Dystrophy), Dementia Associated With Alzheimer's Disease, Ischemic Stroke, Major Depressive Disorder, Mild Cognitive Impairment, Neuropathic Pain (Neuralgia), Panic Disorders, Post-Traumatic Stress Disorder (PTSD), Social Anxiety Disorder (SAD/Social Phobia) and Ulcerative Colitis.

Furthermore, this report also reviews key players involved in Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) 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 Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7)

The report reviews Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) 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 Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) targeted therapeutics and enlists all their major and minor projects

The report assesses Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) 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 Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) 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 Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) 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 Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) 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

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Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) - Companies Involved in
Therapeutics Development

180 Life Corp

AlphaCognition Inc

AstraZeneca Plc

Bionomics Ltd

Bristol-Myers Squibb Co

DanPET AB

Epigen Biosciences Inc

Lupin Ltd

Merck & Co Inc

Neuro Bio Ltd

SK Biopharmaceuticals Co Ltd

Vanda Pharmaceuticals Inc

Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) - Drug Profiles

ALPHA-1062 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

AVL-3288 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

AVL-8168 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

AZD-0328 - Drug Profile

Product Description

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BMS-910731 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BNC-210 - Drug Profile

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Mechanism Of Action

R&D Progress

BNC-375 - Drug Profile

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Mechanism Of Action

R&D Progress

EPGN-1137 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

LL-00066471 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

NBP-14 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

NS-12877 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

SKL-20540 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Agonize CHRNA7 for Ulcerative Colitis - Drug Profile

Product Description

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Small Molecules to Agonize CHRNA7 for Central Nervous System - Drug Profile

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Product Description

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Product Description

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Neuronal Acetylcholine Receptor Subunit Alpha 7 (CHRNA7) - Product Development

Milestones

Featured News & Press Releases

Nov 01, 2021: Bionomics Receives FDA clearance of IND for evaluation of BNC210 in a phase 2 social anxiety disorder PREVAIL study

Nov 01, 2021: Bionomics gets FDA approval for trial of social anxiety disorder treatment

Sep 20, 2021: Bionomics prepares BNC210 for start of phase 2 acute treatment of social anxiety disorder trial

Sep 09, 2021: Alpha Cognition to Webcast Live on ALPHA-1062 at Life Sciences Investor Forum September 16th

Sep 07, 2021: Alpha Cognition announces the acceptance of its US FDA investigational new drug application (IND) for lead candidate, ALPHA-1062 for mild to moderate Alzheimer's Disease

Jul 08, 2021: Novamind selected as research site for Bionomics' PTSD clinical trial

Jul 06, 2021: Bionomics initiates phase 2b ATTUNE study of BNC210 in PTSD

May 10, 2021: Bionomics expanding BNC210 for acute treatment of social anxiety disorder in addition to phase 2b trial for post traumatic stress disorder

Apr 30, 2021: Agilix Biolabs congratulates Bionomics on BNC210 PK results

Apr 27, 2021: Alpha Cognition announces Ms. Colleen Johns as SVP, product development further strengthening the ALPHA-1062 drug commercialization team

Apr 12, 2021: Alpha Cognition announces Mr. Michael McFadden as chief executive officer and realignment of leadership team for next stage of alpha-1062 drug development

Feb 22, 2021: Positive BNC210 7-Day dosing pharmacokinetic study exceeds blood exposure projected for phase 2b PTSD trial

Jan 18, 2021: Publication of positive BNC210 phase 2a data in generalised anxiety disorder patients

Jan 07, 2021: Bionomics presenting at virtual H.C. Wainwright Bioconnect 2021 conference

Jan 04, 2021: Bionomics initiates 7-day dosing pharmacokinetic study of BNC210 tablet formulation

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Number of Products by Molecule Types, 2021

Number of Products by Stage and Molecule Types, 2021

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