

# Glial Cell Line Derived Neurotrophic Factor - Drugs In Development, 2021

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## Abstracts

Glial Cell Line Derived Neurotrophic Factor - Drugs In Development, 2021

### SUMMARY

According to the recently published report 'Glial Cell Line Derived Neurotrophic Factor - Drugs In Development, 2021'; Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) pipeline Target constitutes close to 16 molecules. Out of which approximately 14 molecules are developed by companies and remaining by the universities/institutes.

Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) - Glial -derived neurotrophic factor is a member of the cysteine-knot superfamily of growth factors. It promotes the survival and differentiation of dopaminergic neurons and was able to prevent apoptosis of motor neurons. The mature form of the protein is a ligand for the product of the RET (rearranged during transfection) protooncogene.

The report 'Glial Cell Line Derived Neurotrophic Factor - Drugs In Development, 2021' outlays comprehensive information on the Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.

It also reviews key players involved in Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules

developed by companies in Phase II, Phase I and Preclinical stages are 3, 1 and 10 respectively. Similarly, the universities portfolio in Phase II and Discovery stages comprises 1 and 1 molecules, respectively. Report covers products from therapy areas Central Nervous System, Ophthalmology and Cardiovascular which include indications Parkinson's Disease, Amyotrophic Lateral Sclerosis, Multiple System Atrophy (MSA or Shy-Drager Syndrome or Multi-System Degeneration), Neuropathic Pain (Neuralgia), Glaucoma, Ischemic Stroke, Keratitis, Keratoconjunctivitis Sicca (Dry Eye), Leber's Hereditary Optic Neuropathy (Leber Optic Atrophy), Neurodegenerative Diseases, Peripheral Nerve Injury, Radiculopathy, Retinal Degeneration and Retinitis Pigmentosa (Retinitis).

**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 Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF)

The report reviews Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) 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 Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) targeted therapeutics and enlists all their major and minor projects

The report assesses Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) 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 Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) 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 Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) 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 Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF) 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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Asklepios BioPharmaceutical Inc

Biogen Inc

Copernicus Therapeutics Inc

Eli Lilly and Co

GlaxoSmithKline Plc

Junaxo Inc

Kai Nuo Bio Sci Co Ltd

Kolon Life Science Inc

Lauren Sciences LLC

Neuroptika Inc

Stem Cell Medicine Ltd

Treeway BV

UniQure NV

Glial Cell Line Derived Neurotrophic Factor (Astrocyte Derived Trophic Factor or GDNF)

- Drug Profiles

AMT-090 - Drug Profile

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R&D Progress

**Drugs for Neurodegenerative Diseases - Drug Profile**

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Featured News & Press Releases

Jun 18, 2021: CIRM Board approves new clinical trial for ALS

Aug 17, 2020: Neuroptika completes enrollment in phase 2 clinical trial for Dry Eye Disease

Apr 27, 2020: Kolon Life Sciences launches follow-up pipeline to administer the first patient in the US

Jan 17, 2020: Neuroptika enrolls first patient for dry eye disease trial

Apr 30, 2019: Neuroptika announces positive data from NRO-1 phase 1 clinical trial

Mar 11, 2019: Kolon gets FDA nod for testing gene therapy for neuropathic pain

Dec 26, 2018: Neuroptika, Spun Out from Senju Pharmaceutical launches to develop novel regenerative treatment

Dec 26, 2018: Neuroptika, spun out from Senju Pharmaceutical launches to develop novel regenerative treatment

Oct 20, 2016: Cedars-Sinai Receives Approval to Test Novel Combined Stem Cell and Gene Therapy for ALS Patients

Apr 19, 2016: Lauren Sciences awarded second grant for LAUR-301 from The ALS Association

Mar 26, 2013: Phytopharm Provides Strategic Review Update On On-going Phase II Clinical Trial Of Cogane

Feb 18, 2013: Phytopharm Announces Results From Parkinson's Disease Clinical Trial Of Cogane

Dec 18, 2012: Phytopharm Provides Update On Clinical Development Of Cogane In Amyotrophic Lateral Sclerosis

Apr 18, 2012: Phytopharm Completes Patient Recruitment In CONFIDENT-PD Phase II Cogane Study To Treat Parkinson's Disease

Apr 18, 2012: Phytopharm's Confirmatory Data Supports Effectiveness Of Phytopharm's Cogane In Amyotrophic Lateral Sclerosis

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