

PDE4D Allosteric Modulators for Treating Cognitive Impairment

<https://neurodegenerationresearch.eu/survey/pde4d-allosteric-modulators-for-treating-cognitive-impairment/>

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Contact information of lead PI

Country

USA

Title of project or programme

PDE4D Allosteric Modulators for Treating Cognitive Impairment

Source of funding information

NIH (NIA)

Total sum awarded (Euro)

€ 0.92

Start date of award

15/06/2012

Total duration of award in years

3

Keywords

phosphodiesterase 4D, mild cognitive impairment, Impaired cognition, Alzheimer's Disease, phosphoric diester hydrolase

Research Abstract

DESCRIPTION (provided by applicant): Alzheimer's disease (AD) is an increasing medical burden due to the aging demographics of the US population. The most common form of dementia among older adults, AD affects parts of the brain important for memory formation and retrieval, seriously impairing a person's ability to live independently and cope with daily activities. In collaboration with the NIH Blueprint Neurotherapeutics Program, we seek to

develop phosphodiesterase Type 4 (PDE4) allosteric modulators for improving cognition in accordance with the Target Product Profile below. Ideally, the therapeutic will improve cognition in MCI patients and impact AD pathophysiology, thereby slowing conversion to probable AD.

Drug Properties	Minimum Acceptable Result	Ideal Result	Primary Drug Indication
Improvement of cognition in persons with Mild Cognitive Impairment (MCI) due to probable AD	Slowing of conversion from MCI to probable AD	Patient Population	Patients with MCI due to probable AD according to the NIAA/AA working group criteria
Patients with MCI due to probable AD according to the NIAA/AA working group criteria	Delivery Mode	Oral	Oral
Treatment	Duration	Chronic	Chronic
Regimen	Oral, once daily	Oral, once daily	Oral, once daily

Further information available at:

Types:

Investments < €500k

Member States:

United States of America

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

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