

AlzeCure receives abstract acceptance at Alzheimer's congress AD/PD 2025 on NeuroRestore ACD856

AlzeCure Pharma AB (publ) (FN STO: ALZCUR), a pharmaceutical company that develops candidate drugs for diseases affecting the nervous system, focusing on Alzheimer's disease and pain, today announced that an abstract with preclinical data on NeuroRestore ACD856 demonstrating its anti-inflammatory and immunomodulatory effects has been accepted for presentation at the international conference AD/PD 2025, which will be held this year in Vienna on April 1-5.

The abstract, titled *Further investigation on the immunomodulatory and anti-inflammatory effects of NeuroRestore ACD856, a Trk-PAM in clinical development for the treatment of Alzheimer's disease*, will be presented at the International Conference on Alzheimer's, Parkinson's and Related Neurological Diseases (AD/PD 2025) by Gunnar Nordvall, Head of Chemistry at AlzeCure. Other authors include Christina Parrado-Fernández, Veronica Lidell, Azita Rasti, Maria Backlund, Johan Sandin and Pontus Forsell from AlzeCure, as well as Ruchi Gera, Sumonto Mitra and Professor Maria Eriksson from Karolinska Institutet in Stockholm, Sweden.

The presentation includes preclinical study results showing that ACD856, the lead drug candidate within the NeuroRestore platform, affects biomarkers relevant to the pathological neuroinflammatory processes in Alzheimer's disease. These new data further point to the potential disease-modifying effect of the NeuroRestore compound.

"Our results show that ACD856 could have an effect on both central and peripheral inflammatory processes. These new data are promising and further broaden the disease-modifying potential of ACD856, as neuroinflammation is an important part of the disease process in Alzheimer's," said Gunnar Nordvall, Head of Chemistry at AlzeCure Pharma.

Previous preclinical studies have shown that AlzeCure's drug candidates in the NeuroRestore platform strengthen communication between nerve cells and improve cognitive ability, including learning and memory functions. Previous preclinical results from AlzeCure also show neuroprotective, anti-inflammatory and disease-modifying effects in various models with these so-called Trk-PAM substances, increasing BDNF & NGF signaling. The unique pharmacological mechanism of NeuroRestore also enables multiple indications, such as Alzheimer's and Parkinson's disease, but also depression. ACD856 is a first-in-class drug candidate for Alzheimer's disease and is now being prepared for upcoming Phase II clinical studies in patients.

"These positive results add to the case that NeuroRestore ACD856 could be relevant for additional indications with an inflammatory component, such as other neurodegenerative diseases, further strengthening our commercial opportunities with ACD856," said Martin Jönsson, CEO of AlzeCure Pharma AB.

The abstract and the poster will be available on the AlzeCure website after the presentation (<https://www.alzecurepharma.se/en/presentations-and-interviews>).

For more information, please contact

Martin Jönsson, CEO
Tel: +46 707 86 94 43
martin.jonsson@alzecurepharma.com

About AlzeCure Pharma AB (publ)

AlzeCure® is a Swedish pharmaceutical company that develops new innovative drug therapies for the treatment of severe diseases and conditions that affect the central nervous system, such as Alzheimer's disease and pain – indications for which currently available treatment is very limited. The company is listed on Nasdaq First North Premier Growth Market and is developing several parallel drug candidates based on three research platforms: NeuroRestore®, Alzstatin® and Painless.

NeuroRestore consists of two symptomatic drug candidates where the unique mechanism of action allows for multiple indications, including Alzheimer's disease, as well as cognitive disorders associated with traumatic brain injury, sleep apnea and Parkinson's disease and is being prepared for phase 2. The Alzstatin platform focuses on developing disease-modifying and preventive drug candidates for early treatment of Alzheimer's disease and comprises two drug candidates. Painless is the company's research platform in the field of pain and contains two projects: ACD440, which is a drug candidate in the clinical development phase for the treatment of neuropathic pain with positive phase 2 results, and TrkA-NAM, which targets severe pain in conditions such as osteoarthritis. AlzeCure aims to pursue its own projects through preclinical research and development through an early clinical phase, and is continually working on business development to find suitable outlicensing solutions with other pharmaceutical companies.

FNCA Sweden AB is the company's Certified Adviser. For more information, please visit www.alzecurepharma.se

About NeuroRestore

NeuroRestore is a platform of symptom-relieving drug candidates for disease states in which cognitive ability is impaired, e.g. Alzheimer's Disease, sleep apnea, traumatic brain injury and Parkinson's disease. NeuroRestore stimulates several important signaling pathways in the brain, which among other things leads to improved cognition. Preclinical studies with NeuroRestore have shown that AlzeCure's drug candidates enhance communication between the nerve cells and improve cognitive ability. The NeuroRestore substances are so called Trk-PAMs which stimulate specific signaling pathways in the central nervous system known as neurotrophins, the most well-known being NGF (Nerve Growth Factor) and BDNF (Brain Derived Neurotrophic Factor). The levels of NGF and BDNF are disturbed in several disease states and the signaling is reduced. The impaired function impairs communication between the synapses, i.e. the contact surfaces of the nerve endings, as well as reducing the possibility of survival for the nerve cells, which gives rise to the cognitive impairments. Neurotrophins play a crucial role for the function of nerve cells, and a disturbed function of BDNF has a strong genetic link to impaired cognitive ability in several different diseases, such as Alzheimer's, Parkinson's disease, traumatic brain injury and sleep disorders. There is also a link between BDNF signaling and depression, something that has been further strengthened in recent years. In addition to cognitive-enhancing effects, new preclinical data also show that NeuroRestore substances have a positive effect on mitochondrial function and display neuroprotective as well as anti-inflammatory effects, which could indicate potential disease-modifying effects. The leading drug candidate in the platform, ACD856, has recently completed clinical phase I studies and demonstrated positive effects there that support continued development of the program and are being prepared for phase 2. Read more at: <https://www.alzecurepharma.se/en/neurorestore/>

About Alzheimer's disease

Alzheimer's disease is the most common form of dementia, affecting approximately 55 million people worldwide, and the number is estimated to triple in the next 30 years if nothing is done. Alzheimer's disease is a lethal disorder that also has a large impact on both relatives and the society. Today, preventive and disease modifying treatments are missing. The main risk factors to develop Alzheimer's are age and genetic causes. Even though the disease can start as early as between 40 and 65 years of age, it is most common after 65 years. Significant investments in Alzheimer research are being made because of the significant unmet medical need and the large cost of this disease for healthcare and society. The total global costs for dementia related diseases are estimated to about 1,300 billion USD globally in 2019. Given the lack of both effective symptomatic treatments and disease modifying treatments, including preventive treatments, the need for new effective therapies is acute. The few approved drugs on the European market today have only a limited symptomatic effect and can produce dose limiting side effects. A disease modifying treatment for Alzheimer's disease is estimated to reach more than \$15 billion in annual sales. In Sweden, approximately 100,000 people suffer from Alzheimer's disease with a healthcare cost of about SEK 63 billion yearly, which is more than for cancer and cardiovascular diseases combined.

Image Attachments

Martin Jönsson And Gunnar Nordvall AlzeCure Pharma

Attachments

AlzeCure receives abstract acceptance at Alzheimer's congress AD/PD 2025 on NeuroRestore ACD856