

Q2

Interim report January–June 2024

AlzeCure® is a Swedish pharmaceutical company that develops new innovative small-molecule 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 in Sweden and is developing several parallel drug candidates based on three research platforms: NeuroRestore®, Alzstatin® and Painless.

NeuroRestore consists of two symptom-relieving drug candidates where the unique mechanism of action allows multiple indications – Alzheimer's disease, as well as cognitive disorders such as those associated with traumatic brain injury, sleep apnea and Parkinson's disease, as well as treatment for depression.

The **Alzstatin** platform focuses on developing disease-modifying and preventive drug candidates for early treatment of Alzheimer's disease and comprises two 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, and TrkA-NAM, which targets severe pain in conditions such as osteoarthritis.

AlzeCure® aims to pursue its own projects through preclinical research and development to an early clinical phase and is continually working on business development to find suitable outlicensing solutions or partnerships with other pharmaceutical companies.

FNCA Sweden AB is the company's Certified Adviser.

For more information, please visit www.alzecurepharma.com.



150,000

It is estimated that around 150,000 people in Sweden live with dementia diseases, a figure that is expected to triple by 2050. Every year, around 25,000 people are affected, resulting in major care and healthcare costs for society. The direct costs are estimated to be higher than those caused by cancer and cardiovascular diseases.



Globally, it is estimated that about one in five, or about 1.5 billion people, suffer from chronic pain, with prevalence increasing with age.

Financial information

April–June 2024

Figures in parentheses refer to the corresponding period of the previous year.

- Net sales during the period totaled SEK 0 thousand (0).
- Loss for the period totaled SEK -8,653 thousand (-10,211).
- Earnings per share, basic, totaled SEK -0.12 (-0.16).
- Cash flow from operating activities totaled SEK -9,178 thousand (-8,906).
- Total assets at the end of the period amounted to SEK 47,257 thousand (48,119).
- Cash and cash equivalents at the end of the period totaled SEK 43,916 thousand (45,232).

January–June 2024

Figures in parentheses refer to the corresponding period of the previous year.

- Net sales during the period totaled SEK 0 thousand (0).
- Loss for the period totaled SEK -18,457 thousand (-19,756).
- Earnings per share, basic, totaled SEK -0.28 (-0.32).
- Cash flow from operating activities totaled SEK -19,241 thousand (19,189).
- Total assets at the end of the period amounted to SEK 47,257 thousand (48,119).
- Cash and cash equivalents at the end of the period totaled SEK 43,916 thousand (45,232).

Significant events

April–June 2024

- On April 10, the company announces that its Annual General Meeting will convene on May 14, 2024.
- On April 10, the company announces that Dr. Jan Lundberg, former head of research at Eli Lilly and AstraZeneca, is investing in AlzeCure and proposes that he be elected to serve on the company's Board of Directors.
- In April, the company receives new preclinical data for Neuro-Restore in inflammation, with relevance to Alzheimer's disease, and submits a new patent application for NeuroRestore ACD856.
- Jan Lundberg is elected to serve on the Board of Directors at the Annual General Meeting on May 14.

- On May 20, the company announces the final outcome of the rights issue with preferential rights for shareholders (the "Rights Issue") that ended on May 17, 2024. The issue raises approximately SEK 39.2 million for AlzeCure before issue expenses.
- In June, the company publishes a scientific article on the clinical Phase Ib results for ACD440 supporting the continued development of the lead drug candidate in the Painless platform in the European Journal of Pain.
- On June 14, the company's Board of Directors resolves on a directed share issue of 965,727 shares to Formue Nord Markedsneutral A/S ("Formue Nord"), which has chosen to receive its agreed compensation as guarantor in shares.

January–March 2024

- On January 29, the company selects a drug candidate and enters the next phase of development with TrkA-NAM ACD137 for the treatment of osteoarthritis and other severe pain conditions.
- On February 29, the company announces that the patent offices in China, India, South Africa, Israel, Hong Kong and Mexico have granted patents covering the company's clinical drug candidate ACD856, which is being developed for Alzheimer's and other cognitive impairment disorders.
- On March 26, the company's Board of Directors resolved on a new issue of shares of approximately SEK 52.8 million with preferential rights for existing shareholders. The Rights Issue is subject to approval by the Extraordinary General Meeting on April 25, 2024. The issue is guaranteed to approximately 63 percent through subscription commitments and guarantee commitments from existing owners and members of the company's management and Board of Directors, among others. To enable further capital injections, the Board of Directors may also exercise an overallotment option of up to approximately SEK 15.0 million.
- On March 26, the company announces that an Extraordinary General Meeting will convene on April 25, 2024.

Significant events after the end of the period

- In July, the company carries out a directed share issue in follow-up to a previously given subscription commitment and raises SEK 3.7 million.

See page 62 of the company's 2023 annual report for a list of definitions.

A word from the CEO

The second quarter of 2024 was once again an active and positive period for AlzeCure Pharma, during which we applied for a patent based on new data concerning the anti-inflammatory effects of our clinical drug candidate ACD856, which is part of our NeuroRestore Alzheimer's project. We also had new preclinical data from our TrkA-NAM project accepted for presentation at the world-leading IASP pain conference. Furthermore, we published new clinical data from the Phase Ib study for our TRPV1 antagonist ACD440, which we are developing for the treatment of neuropathic pain. We also conducted a rights issue, which raised SEK 39.2 million and was supported by our leading principal owners, with the aim of both funding the continued development of our drug candidates and strengthening the company's financial position.

The Annual General Meeting elected Dr. Jan Lundberg to serve on the Board of Directors. He has previously served as the global head of research and development at Eli Lilly, as well as global head of research at AstraZeneca. Dr. Lundberg was also a guarantor and invested in the issue without requiring financial compensation, in line with the company's principal owners.

It is both motivating and gratifying that the company is keeping up the pace as it continues to deliver new data that strengthen our position, supported financially both by the company's principal owners and its current shareholders, and that we have also added many new shareholders.

In the second quarter, we presented new preclinical data on the anti-inflammatory properties for our clinical NeuroRestore candidate, ACD856, based on which we have applied for a patent. NeuroRestore ACD856, which is being developed in the field of Alzheimer's disease, has previously shown positive Phase I results, and is now being prepared for further development in a Phase II clinical trial. Preclinical data have shown that the compound can improve learning and memory skills, while also demonstrating disease-modifying and neuroprotective effects, which is of interest in Alzheimer's and other neurodegenerative diseases.

NeuroRestore is a "Trk-PAM" that enhances NGF and BDNF signaling. NGF and BDNF are neurotrophins that are central to cognition and brain health. Parts of these findings are validated by the results from the Japanese pharmaceutical company Eisai's clinical drug candidate E2511, which is a TrkA-PAM. What distinguishes ACD856 from E2511 is that in preclinical studies, our drug candidate also demonstrates pro-cognitive properties, which means that it can improve learning and memory skills. This clear differentiation is thought to result from ACD856 also boosting BDNF signaling. There is also strong scientific support for this target mechanism

in the treatment of depression. We are now preparing for phase II studies, while also engaging in discussions with external parties regarding potential partnerships or out-licensing.

Alzstatin, our disease-modifying and preventive treatment for Alzheimer's disease in tablet form, continues to be developed according to plan. Our new drug candidate, ACD680, is in the pre-clinical development phase and is undergoing safety testing as well as preparations for clinical development. The compound is a complement to ACD679 in the program and offers patent advantages. The Alzstatin projects that belong to the gamma-secretase modulator (GSM) family reduce production of the harmful amyloid-beta-42 protein that generates plaques in the brain, which is considered to be a root cause of Alzheimer's.

This new class of Alzheimer's drugs is now receiving increasing attention as the target mechanism was recently validated by the Swiss pharmaceutical company Roche, which is also developing GSMs. The company presented positive clinical Phase I data for its GSM, RG6289, and is now preparing a Phase II clinical trial, which has resulted in growing interest in our Alzstatin project from both other pharmaceutical companies and investors. Alzstatin differs



Martin Jönsson, CEO

from the antibody drugs in several important respects. One is that Alzstatin is being developed to prevent Alzheimer's and another is that the treatment is based on small molecules, which means that treatment costs can be kept low and administration is easier. Moreover, Alzstatin is not expected to cause the side effects associated with existing antibody therapies, such as microbleedings and cerebral edema.

Medical need remains high in the field of Alzheimer's. Studies show that only five to eight percent¹⁾ of Alzheimer's patients attending memory clinics are suitable candidates for antibody therapy. This shows the potential for the Alzheimer's projects that we are developing. NeuroRestore is being developed primarily to improve learning and memory in patients, making NeuroRestore an attractive complement or alternative to antibody therapy which could thereby fill a major unmet medical need.

In the Painless platform, which includes the ACD440 and TrkA-NAM projects, we continue to make good progress. In the second quarter, we published additional data for our TRPV1 antagonist ACD440²⁾, which we are primarily developing for peripheral neuropathic pain (nerve injury pain) and for which we have reported positive clinical results in chronic pain patients³⁾. The results with ACD440, which were published in June in the European Journal of Pain, was from a Phase Ib clinical trial on nociceptive pain (tissue pain), which we were able to significantly reduce by around 50%. The results from our Phase I and II studies have shown that ACD440, a gel that is applied to the skin, demonstrates good suitability for further clinical development.

Neuropathic pain is an area with great unmet medical need, especially with respect to finding alternatives to opioids, and we believe that ACD440 could significantly improve quality of life for patients suffering from this type of pain. Only one of five patients is satisfied with their current treatment, which demonstrates the great unmet medical need.

Our second pain project, TrkA-NAM, which focuses on arthritis of the knee, also continues to make good progress, and we have conducted additional preclinical studies with favorable results during the year. Over 300 million people are estimated to suffer from osteoarthritis of the knee and the patient population is growing due to an aging population and increased obesity-related problems. In the first half of the year, we selected a candidate drug for the project, ACD137, which we will now advance to safety and toxicology studies.

TrkA-NAM is being developed to reduce peripheral NGF signaling and thus pain; because of the selective targeting mechanism of the

molecules, TrkA-NAM is not expected to have the side effects that NGF antibodies have demonstrated. We have already demonstrated in several preclinical models that TrkA-NAM has a potent pain-relieving, but also anti-inflammatory, effect, which potentially also broadens the range of applications of the molecules. During the period, new ACD137 data were adopted for presentation at the IASP World Congress on Pain, which is being held in Amsterdam in early August this year. The results we presented show good efficacy in both neuropathic and nociceptive pain, demonstrating the broad potential of the project.⁴⁾

We continue to focus on marketing communications and actively participate in various meetings and congresses to present our research to investors and potential partners. In June, we participated in BIO International Convention, the world's largest business development and partnership conference in the pharmaceutical

” The company continues to develop well and gain strength, not least because Dr. Jan Lundberg, Eli Lilly's former global R&D chief, now sits on AlzeCure's Board of Directors and has invested in the company. This is a further validation of the company and our potential.

Martin Jönsson, CEO

industry, which was held in San Diego, USA, this year. We are encountering continued growing interest from pharmaceutical companies and other stakeholders that may be interested in investing in or in-licensing our development projects, or alternatively in entering into a partnership.

In the second quarter we carried out a successful rights issue that raised just over SEK 39 million before issue expenses for AlzeCure and that was guaranteed largely through subscription commitments and guarantee commitments from existing owners and members of the company's management and Board of Directors, among others. Moreover, the company did not have to use the bottom guarantee that had been issued.

As a result of the issue, AlzeCure also gained several new shareholders, including Dr. Jan Lundberg, who was also elected to serve

as a board member. We are very pleased and grateful that he has shown strong interest and support and chosen to invest in the company. Dr. Lundberg has more than 25 years of experience in senior positions in the global pharmaceutical companies AstraZeneca and Eli Lilly, including as global head of research and development. Dr. Lundberg has also been a professor at Karolinska Institutet and has published over 500 scientific articles. He also advises international investment funds, including Rhenman and Partners.

The new capital will enable us to develop the business and advance our projects. We will continue to focus on development of the two candidates in the Alzstatin platform to identify a final potential clinical candidate, while also advancing the TrkA-NAM program through the preclinical development phase toward clinical trials. Furthermore, in the coming period, we will develop plans for Phase II clinical trials for ACD856 in Alzheimer's and ACD440 for the treatment of neuropathic pain. At the same time, we remain strongly focused on business development, with the aim of securing out-licensing of one of our projects.

In the second quarter of 2024, the company's positive and eventful development continued, with significant progress in all Alzheimer's and pain projects. We are now entering an exciting new phase in AlzeCure's development, where the strong support of our major shareholders is very encouraging, which, combined with the company's achievements and capabilities, bodes well for the future.

Stockholm, August 2024

Martin Jönsson

CEO of AlzeCure Pharma AB

- 1) Source: Eligibility for Anti-Amyloid Treatment in a Population-Based Study of Cognitive Aging; Rioghna R. Pittock et al; Neurology, 2023;101:e1837-e1849. (<https://doi.org/10.1212/WNL.0000000000207770>)
- 2) Segerdahl et al, Topically applied novel TRPV1 receptor antagonist, ACD440 Gel, reduces evoked pain in healthy volunteers, a randomized, double-blind, placebo-controlled, crossover study, European Journal of Pain, 2024 2024;00:1-18 (<http://doi.org/10.1002/ejp.2299>)
- 3) Miculescu et al, A study of ACD440 gel for the treatment of patients with peripheral neuropathic pain with sensory hypersensitivity. EFIC Oct 2023 (<https://www.alzecurepharma.se/en/wp-content/uploads/sites/2/2023/10/alzecure-acd440-trpv1-antagonist-ph-2-data-efic-2023.pdf>)
- 4) IASP poster Pharmacological Effects of ACD137, a Potent and Selective Negative Allosteric Modulator of TrkA

Project portfolio

AlzeCure works with several research platforms:

NeuroRestore® and Alzstatin® – with a focus on Alzheimer’s disease, where the leading candidate ACD856 is in clinical development phase.

Painless – focuses on pain treatment and contains two projects: ACD440 in clinical development phase and TrkA-NAM in preclinical phase.

There are several small-molecule drug candidates in the various platforms: two in NeuroRestore and two in Alzstatin. There are also two projects in the Painless platform. A diversified drug portfolio paves the way for other indications, such as cognitive disorders associated with Alzheimer’s, traumatic brain injury, sleep disturbances, Parkinson’s disease and depression, as well as for severe pain in conditions such as neuropathy and osteoarthritis.

- The NeuroRestore platform is developing a new generation of symptom-relieving drugs for the treatment of illnesses with cognitive disorders, such as Alzheimer’s disease. The target mechanism also has other potential indications, including depression and cognitive dysfunction in Parkinson’s disease, traumatic brain injury and sleep disorders. The leading drug candidate in the project, ACD856, is in clinical development phase.
- Innovative disease-modifying and preventive oral drugs for Alzheimer’s disease are under development within the Alzstatin platform. They are intended to enable simple administration of the drug and be more cost-effective. The two Alzstatin projects are in the preclinical development phase.
- The Painless platform includes two projects: TrkA-NAM ACD137 and ACD440, which both focus on severe pain conditions.
 - The drug candidate ACD440 was in-licensed in January 2020 and affects a specific biological mechanism; the 2021 Nobel Prize in Physiology or Medicine was awarded for the discovery of this mechanism. The compound is being developed for the treatment of neuropathic pain, a field with great unmet medical need. The project is currently in the clinical development phase.
 - The TrkA-NAM ACD137 project is aimed at treating other severe pain caused by disorders such as osteoarthritis, which today lacks sufficiently effective treatment. The project is currently in the preclinical phase.

AlzeCure's project portfolio

Platform	Candidate	Target	Indication	Research phase	Preclinical phase	Phase I	Phase II	Phase III
NeuroRestore	ACD856	Positive allosteric modulator (PAM) of Trk-receptors	Alzheimer's Disease, TBI - Traumatic brain injuries, Parkinson's disease, Sleep disorders, Depression	In progress				
	ACD857	Positive allosteric modulator (PAM) of Trk-receptors	Alzheimer's Disease	In progress	In progress			
Alzstatin	ACD679	Gamma secretase modulator (GSM)	Alzheimer's Disease	In progress	In progress			
	ACD680	Gamma secretase modulator (GSM)	Alzheimer's Disease	In progress	In progress			
Painless	ACD440	TrpV1 antagonist	Neuropathic Pain	Completed			In progress	
	ACD137	Negative allosteric modulator (NAM) of TrkA-receptors	Osteoarthritic Pain & other severe pain conditions	In progress	In progress			

 In progress  Completed

For definitions of the phases, please see the AlzeCure Pharma website, www.alzecurepharma.com

Project development

AlzeCure works with research and development of innovative and effective new small molecule drugs for treatment of diseases that affect the nervous system and the brain, with a focus on Alzheimer's disease and pain. The need for new treatments for these severe illnesses is great; for example, disease-modifying therapy for Alzheimer's is expected to be able to generate more than USD 15 billion* in annual sales.

The company is simultaneously developing four drug candidates based on the two research platforms NeuroRestore and Alzstatin, along with two projects within the Painless platform – TrkA-NAM and ACD440.

A diversified portfolio of drug candidates paves the way for other indications, such as cognitive disorders associated with traumatic brain injury, Parkinson's disease and sleep disorders. With its broad portfolio of assets and values, the company maximizes shareholder value by working in multiple indication areas where there is scientific support for the biological target mechanisms.

Neurology

Within NeuroRestore, a new generation of symptomatic drugs is being developed for the treatment of cognitive dysfunction (i.e. learning and memory) in Alzheimer's disease. The NeuroRestore substances are known as Trk-PAMs, which stimulate specific signaling of the neurotrophins NGF (Nerve Growth Factor) and BDNF (Brain Derived Neurotrophic Factor), which play an important role in normal neuronal function. The company initiated the first clinical trial with the primary drug candidate in NeuroRestore, ACD856, in late 2019. The study was completed on schedule in the second quarter of 2020. The results showed that ACD856 was well-suited for further clinical development, which led to the initiation of subsequent clinical trials, the SAD-study, according to plans in the end of 2020. In the third quarter of 2021 the MAD study was also initiated and both of these studies, which are part of the phase I program for the drug candidate, have had the primary purpose of assessing safety and tolerability in humans. The MAD study, which was concluded according to plan in June 2022, showed that ACD856 has a good safety and tolerability profile in humans.

Moreover, the results showed that the compound demonstrated good pharmacokinetic properties with rapid uptake in the body. In addition, ACD856 easily crosses the blood-brain barrier and can be measured in the spinal fluid; these important data support further clinical development work. Moreover, in September 2022 the company reported new EEG results from a planned exploratory analysis in the MAD study, which showed that ACD856 not only reaches the CNS, but also activates neuronal pathways in the brain, of relevance to both cognition and depression. ACD857 is in the research phase and also has the primary indication of cognitive dysfunction/Alzheimer's disease.

New preclinical data within the NeuroRestore platform have shown potential disease-modifying properties in this class of compounds. The findings show that both neurotrophins, NGF and BDNF, play important roles in retaining normal function and development in nerve cells, as well as in protecting them from damage, known as neuroprotective effects. Nerve cell death clearly correlates with functional impairment in Alzheimer's patients and no drugs with these protective effects are currently available on the market. The preclinical studies show that treatment with ACD856 results in increased survival for the nerve cells. In 2022 and 2023, the studies were complemented by additional data concerning the neuroprotective, regenerative and long-term effects of ACD856. The results indicate, among other things, that the substance can protect nerve cells against toxic A β 42, the protein responsible for amyloid plaque formation in the brains of Alzheimer's patients. Moreover, data show that ACD856 increases the quantity of a specific protein that plays a key role in communication between nerve cells, which is severely affected in the disease. These important data, which highlight the potential of NeuroRestore as both a memory-improving and disease-modifying treatment, have been

* Source: Asher Mullard, Nature, June 8, 2021; Landmark Alzheimer's drug Approval.

1 NeuroRestore® – the platform is developing a new generation of symptomatic drugs for the treatment of illnesses with cognitive disorders, such as Alzheimer's disease.

2 Alzstatin® – the platform develops innovative disease-modifying and preventive drugs for Alzheimer's disease.

3 Painless – two projects: TrkA-NAM and ACD440, which both focus on severe pain.

”Diagnostics and biomarkers within the field of Alzheimer's are active fields of research, where key advances made in recent years have been of great importance for diagnostics, as well as for evaluating new drug candidates.”

Henrik Zetterberg, professor at Sahlgrenska University and collaboration partner in AlzeCure's Alzstatin GSM project.

presented in publications and at a number of scientific conferences over the past two years, including at the major international Alzheimer's conference CTAD at the end of October 2023. At the conference Eisai also presented the results of its Phase I clinical drug candidate E2511, which they are developing as a disease-modifying treatment for neurodegenerative diseases such as Alzheimer's. The compound has a similar target mechanism as ACD856, which strengthens the validation of the NeuroRestore platform. However, ACD856 has a broader effect profile than E2511 and, in addition to potentially disease-modifying effects, also exhibits memory-enhancing and antidepressant effects, which the company sees as a clear differentiation.

In March 2024, the company presented new preclinical data on ACD856 demonstrating that the substance serves as a "biased" positive allosteric modulator (PAM), i.e. that the substance potentiates certain signaling pathways but not others, which means that the substance can have potent effects while maintaining a good safety profile. The results show that ACD856 can stimulate nerve cell growth, which is important for communication between nerve cells. In addition, the substance improves memory and learning ability in preclinical models. However, pain signaling is not affected, indicating a selective stimulation of specific signaling pathways.

In April 2024, the company reported that ACD856 also demonstrates anti-inflammatory properties both centrally in the brain and peripherally in the body with relief of clinical inflammatory symptoms in preclinical models and a reduction in several inflammatory markers. These new data indicate an opportunity to treat diseases with features such as neuroinflammation, such as Alzheimer's disease and that ACD856 may have a disease-modifying effect through its anti-inflammatory properties.

There is also strong scientific support for this target mechanism in depression. NeuroRestore compounds, such as ACD856, have demonstrated effects in preclinical models for depression, with data published in August 2023¹ and that were further supported by data in recently released articles in the prestigious journals *Cell*², *Nature*³ and *Science*⁴. These studies show that several different classes of antidepressants appear to mediate their effects via BDNF/TrkB, further strengthening the link between BDNF and depression. AlzeCure has demonstrated in preclinical models that NeuroRestore compounds possess antidepressant effects and they also induce the release of neurotransmitters in the brain that are associated with depression.

In May 2023, AlzeCure reported that the European Patent Office had granted a patent for NeuroRestore, including ACD856. This

patent has been validated in 33 territories across Europe, including Germany, France, the UK, Spain, Italy and Sweden. This achievement is yet another important step for ACD856, in light of the previously granted US patent for this substance. During the first quarter of 2024, patents were also granted for ACD856 in additional territories, including China, India, South Africa and Mexico, which is a key step in the effort to establish a comprehensive global patent portfolio for the NeuroRestore program. The new preclinical data on the anti-inflammatory properties of ACD856 also led to the submission of a new patent application in April 2024 for the drug candidate.

AlzeCure's disease-modifying research platform for Alzheimer's disease, Alzstatin, focuses specifically on reducing the production of toxic amyloid beta (A β 42) in the brain. The substances in Alzstatin are known as gamma-secretase modulators (GSMs). A β plays a key pathological role in Alzheimer's disease and begins to accumulate in the brain years before clear symptoms develop.

The target mechanism in Alzstatin, gamma-secretase modulators (GSMs), is confirmed by previously reported study results, which we believe validate the amyloid hypothesis and thus Alzstatin's focus. At the CTAD conference in October 2023, Roche also presented Phase I clinical data for its GSM, and was able to demonstrate PoM in humans as well as a good safety profile for this class of compounds. They are now planning to initiate Phase II studies in 2024, which will further validate this target mechanism and help to chart a regulatory pathway forward for this class of compounds. Compared with the antibody therapies now coming to market, the small molecule compounds in the Alzstatin platform have several key differentiating features, including their ability to be designed to easily cross the blood-brain barrier and be produced more cost-effectively.

The leading drug candidate within Alzstatin, ACD679, is in preclinical phase and alongside this work, the development of an additional drug candidate is in progress to ensure that the company has the best compound for clinical studies. This substance, ACD680, also entered the preclinical development phase in early January 2023. The drug candidate comes from a newly developed series of molecules that are expected to be advantageous from a patent perspective. New positive preclinical data on ACD680 were presented at the ADPD Alzheimer's and Parkinson's congress in late March 2023, in which the compound showed reductions of toxic A β 42 by over 50% and good pharmacokinetic properties in vivo.

News in Q2

- The company announces in April that an abstract about its preclinical project TrkA-NAM for the treatment of osteoarthritis pain and other severe pain conditions has been accepted for presentation at the 2024 IASP World Congress on Pain in Amsterdam August 5-9. The title is Pharmacological Effects of ACD137, a Potent and Selective Negative Allosteric Modulator of TrkA.
- In May, the company receives new preclinical data for NeuroRestore in inflammation, with relevance to Alzheimer's disease, and submits a new patent application for NeuroRestore ACD856.
- In June, the company publishes a scientific article on the clinical Phase Ib results supporting the continued development of the lead drug candidate, Painless ACD440. The article, entitled "Topically applied novel TRPV1 receptor antagonist, ACD440 Gel, reduces evoked pain in healthy volunteers, a randomized, double-blind, placebo-controlled, crossover study", has been published online in the *European Journal of Pain*.

1) Madjid N. et al., *Psychopharmacol.* 2023 Aug;240(8):1789-1804.

2) Casarotto P.C. et al., *Cell.* 2021 Mar 4;184(5):1299-1313.

3) Moliner R. et al., *Nat Neurosci.* 2023 Jun;26(6):1032-1041.

4) <https://www.science.org/content/article/psychedelic-inspired-drugs-could-relieve-depression-without-causing-hallucinations>

Every 5 seconds
someone in the
world is diagnosed
with Alzheimer's.



Pain

The Painless platform contains two projects aimed at developing new treatments for pain. Both projects involve non-opioids, which is important to emphasize, because of the inherent risk associated with opioids for abuse, overdose and secondary injuries – which has led to avoidance of opioids as first-line treatment for pain. Despite this treatment problem they are still frequently used, for which reason the need for new treatments that do not involve opioids is great.

In January 2020, a drug candidate in the clinical development phase aimed at treating neuropathic pain, ACD440 (TRPV1 antagonist), was in-licensed. This project is an important strategic in-licensing that strengthens the company's current clinical portfolio. The ACD440 project has its origins in Big Pharma and is based on strong scientific grounds. The 2021 Nobel Prize in Physiology or Medicine was awarded for the discovery of and insights into TRPV1, the biological system that serves as the basis for ACD440 and is central to temperature regulation and pain. The compound that is being developed as a gel for topical treatment has previously undergone clinical trials, but at that time as oral treatment. As planned, AlzeCure initiated a Phase Ib clinical trial of the drug candidate in late 2020, which was completed in April 2021 and showed positive proof-of-mechanism (POM) results, i.e. an analgesic effect in humans. The efficacy of ACD440 was clearly significant compared with placebo. The compound was also well tolerated as a topical gel on the skin, indicating good suitability for further clinical development as topical treatment for neuropathic pain conditions. Data from this study were published by the company in a scientific article in June 2024 in the European Journal of Pain. During the first quarter of 2022, the FDA provided feedback regarding the material and documentation submitted for a pre-IND meeting. The response was informative and in June 2022, the company initiated a Phase II trial with ACD440 in patients with peripheral neuropathic pain. This exploratory double-blind, placebo-controlled, randomized cross-over study aimed to evaluate the efficacy, safety and pharmacokinetics of the company's leading drug candidate in pain. AlzeCure reported positive top-line results from the study in May 2023, while the more detailed results from the study were presented at the international pain conference, EFIC, in September 2023. The patients, who were treated for 7+7 days in a cross-over design, ranged in age from 50–85 years and suffered from chronic neuropathic pain. Most of them were concurrently receiving alter-

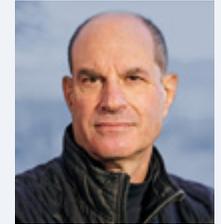
native pain management therapies. Data from the study showed that ACD440 could demonstrate positive POM results in patients with chronic peripheral neuropathic pain; in other words, the drug candidate had an effect on the intended target mechanism. A clear and significant analgesic effect was observed in pain induced by cold and heat. This pain was reduced by about 50%, a significant and clinically relevant reduction. Temperature hypersensitivity is very common in the area of the skin where patients experience their neuropathic pain and is a major problem in daily life for these individuals. These positive POM results from this Phase II clinical trial were in line with previously reported Phase I results. Moreover, it was observed that ACD440, which is a topical gel that is applied to the skin in the painful area, was well tolerated and both the compound and the administration method demonstrate good suitability for further clinical development.

TrkA-NAM builds on the knowledge amassed and assets developed in the NeuroRestore platform, but with the purpose of developing new compounds that focus on providing pain relief in several conditions associated with severe pain. The goal of the project is to develop a small molecule "TrkA-negative allosteric modulator" that can reduce movement-induced and spontaneous pain in patients with painful osteoarthritis. The compounds in the platform block NGF-mediated signaling via TrkA receptors, a biological mechanism with strong genetic, preclinical and clinical validation with respect to its role in pain. In September 2022, AlzeCure presented results for a new compound, AC-0027838, which has been identified as a potent and selective negative modulator of NGF/TrkA signaling in cell-based analysis, at the IASP international pain conference. The results showed a potent analgesic effect in a nociceptive pain model. The data also show that the compound has a powerful anti-inflammatory effect, which can potentiate the analgesic effects in clinical contexts. Analysis of the inflamed tissue also demonstrated significant effects on CGRP, a relevant biomarker for inflammation and pain. The project selected a candidate drug, ACD137, in January 2024, and it is currently in the preclinical phase. In April the company reported that it had obtained new data in several different preclinical pain models showing clear and significant analgesic effects of ACD137, which will be presented at the IASP World Congress on Pain in August 2024.

Nobel Prize

The 2021 Nobel Prize in Physiology or Medicine was awarded for Professor David Julius' discovery of TRPV1, the biological system that serves as the basis for ACD440 and is central to temperature regulation and pain.

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”About 70–80 percent of patients with neuropathic pain do not adequately respond to current first-line treatment, and AlzeCure is developing its new intended treatment specifically for individuals in this group.

Market trends affecting AlzeCure®

Increased social costs for Alzheimer’s and other neurodegenerative diseases.

Costs associated with Alzheimer’s and other neurodegenerative diseases are sharply rising and account for a substantial burden on the public healthcare system. The global cost to society for dementia is estimated at more than USD 1.3 trillion and is expected to almost triple over the next 30 years. These burgeoning costs increase the need for disease-modifying and/or preventive treatments appreciably.

Increased need for treatment due to an aging population

Old age is the greatest risk factor in dementia-related illnesses such as Alzheimer’s, but also for pain problems. Life expectancy is anticipated to rise globally as a result of improving living standards and improved health care.

New treatment for Alzheimer’s disease targeting amyloid plaques receives FDA approval

An antibody therapy (Aduhelm™) targeting amyloid pathology received approval in the US in June 2021 as the first disease-modifying treatment for Alzheimer’s disease through the FDA’s Accelerated Approval process. The approval is based on a “surrogate endpoint,” in this case the reduction of beta-amyloid in the brain. Two other antibody therapies targeting amyloid pathology

were also granted “Breakthrough Therapy Designation” status, giving them access to the FDA’s other fast track processes, which could lead to a significantly faster pathway to market for drugs in this important area.

Amyloid-based therapeutics show positive effects on cognitive function in Alzheimer’s patients and receive full market approval

Leqembi (lecanemab), one of the above-mentioned antibody therapies targeting amyloid pathology, was reported in September 2022 in a pivotal Phase III study to have achieved its efficacy milestones, with significant positive effects on functional and cognitive decline, as well as a reduction in the quantity of amyloid plaque in the brain. These Phase III results, which support the amyloid hypothesis, have served as the basis for the full market approval received from the FDA on July 6, 2023. Furthermore, yet another of the above-mentioned antibody therapies, Donanemab, received full marketing authorization in the US in July 2024, further validating the amyloid hypothesis. As a result, there is growing interest in research into other new drugs for the treatment of Alzheimer’s disease, such as drugs that attack symptoms in other ways (NeuroRestore), as well as those (such as Alzstatin) that attack amyloid formation early in the course of disease, and that can be administered as tablets – unlike antibody treatment, which is administered

intravenously. Drugs such as NeuroRestore and Alzstatin can also potentially be given in combination with existing therapy.

Major pharmaceutical companies are allocating investments in CNS-related illnesses to specialized research projects.

An increasing number of major pharmaceutical companies are starting investment funds aimed at smaller research companies and drug companies, as this is where a great deal of innovation takes place. The trend favors smaller R&D companies as opportunities for licensing agreements concerning the research, development and commercialization of drug candidates are increasing.

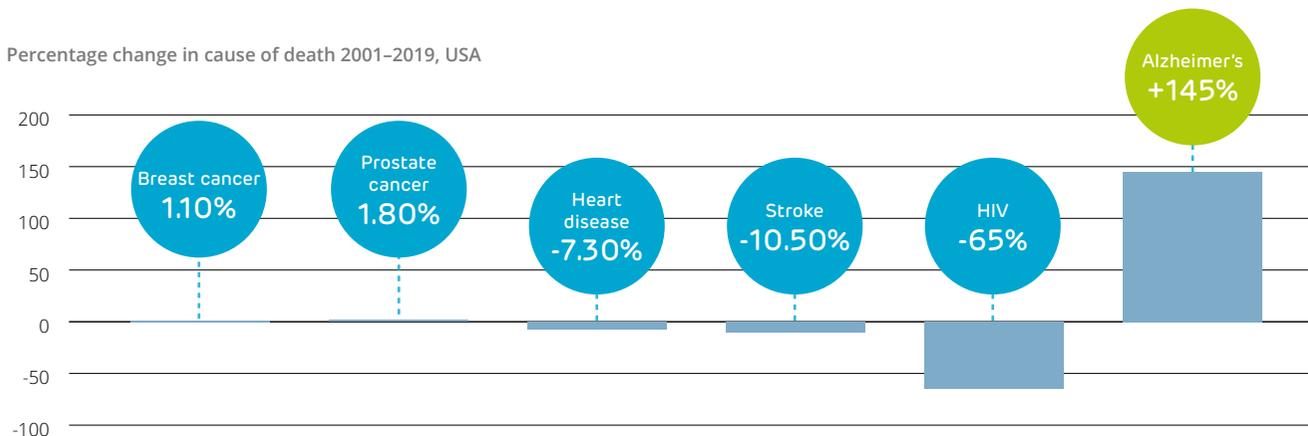
Development related to diagnostics & biomarkers for Alzheimer’s disease

Significant progress has been made in this field through intensive work, including recent findings that a combination of blood-based biomarkers and simple cognitive tests have very high sensitivity for detection of Alzheimer’s disease at an earlier stage. Currently, Alzheimer’s disease is mainly diagnosed through clinical examination, including a lumbar puncture combined with tests of cognitive ability and brain imaging (PET). PET diagnostics is a nuclear medicine imaging method used to identify differences between healthy brains and brains in patients with Alzheimer’s. There is a great need to be able to correctly diagnose Alzheimer’s in order to include a relevant population in clinical trials to develop drugs for the disease and the development that is taking place in the field, including in blood-based biomarkers, entails significant progress for the area.

Great need for new pain treatments

In the US alone, an estimated 50 million adults live with chronic or severe pain, and more people suffer from pain than diabetes, cardiovascular diseases and cancer combined. Data from Europe show similar results and the health and socioeconomic costs are estimated at 3-10 percent of gross domestic product in Europe. Regarding the efficacy of currently available drugs in the field, for example, approximately 80 percent of patients with neuropathic pain do not respond adequately to current treatment. Because of the risk of abuse, overdose and secondary injuries, there is also an effort to avoid opioids for treatment of pain. Consequently, there is currently a high unmet medical need for new, non-opioid treatments in this field.

Percentage change in cause of death 2001–2019, USA



The mortality rate for Alzheimer’s disease has risen sharply, while several other causes of death have fallen.

Alzheimer's disease

Alzheimer's is the most common form of dementia, with around 60–70 percent of all dementia cases stemming from this illness. It is a deadly disease that has a huge impact on sufferers and their relatives alike. Yet despite this, there is currently a lack of preventive and disease-modifying treatments in the global market.

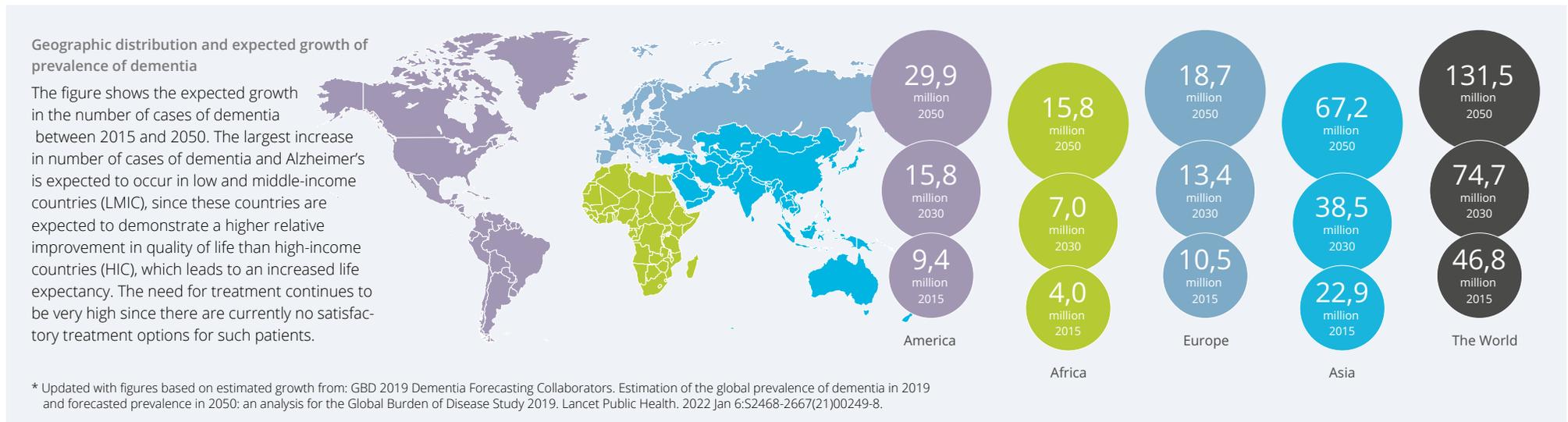
Alzheimer's disease is a neurodegenerative disease, which is a collective term for various conditions in which the nerve cells of the brain gradually deteriorate and eventually die. Nerve cells have very limited regeneration and damage to them therefore becomes evident and crucial for the functionality of the nervous system. Nerve cell death in the brain in connection with Alzheimer's manifests through a variety of symptoms, such as impaired memory, as well as difficulties finding words, expressing oneself and understanding. Difficulties with the concept of time are also common. Eventually, sufferers experience orientation problems in their surroundings, and difficulties reading, writing and counting or managing practical tasks. Some have problems with perception and difficulty in recognizing what they see, and reasoning and planning become more difficult. With the passage of time, sufferers

become more and more dependent on help from relatives and/or care services. Because a characteristic of the disease is its gradual onset, it can be difficult to identify when the problems actually began. Symptoms may also vary from person to person.

Alzheimer's is the most common form of dementia, with around 60–80 percent of all dementia cases stemming from this illness. Even though it is a deadly disease that has a huge impact on both sufferers and their relatives, currently no preventive or disease-modifying treatments are available. The disease starts with amyloid beta (Aβ) protein beginning to clump in the brain, which ultimately form the amyloid plaques so characteristic of the illness. These have a negative impact on nerve cell function and lead, inter alia, to reduced levels of important neurotransmitters in the brain. These neurotransmitters, such as acetylcholine and glutamate, are

necessary for nerve cells to communicate with each other and for the normal operation of the brain. With time, the ability of nerve cells to survive also deteriorates and they die.

The reasons that some individuals develop the disease while others do not are as yet unknown, but it is clear that accumulations of Aβ amyloid in the brain play a central part in Alzheimer's. The most common risk factors for developing Alzheimer's are old age and genetic proclivity. The disease may appear early, between the ages of 40 and 65 for the hereditary form, but is most common after 65. The course of disease begins many years before the brain suffers from widespread nerve cell death and the patient shows clinical symptoms. A person diagnosed with Alzheimer's disease lives for an average of four to eight years after being diagnosed.

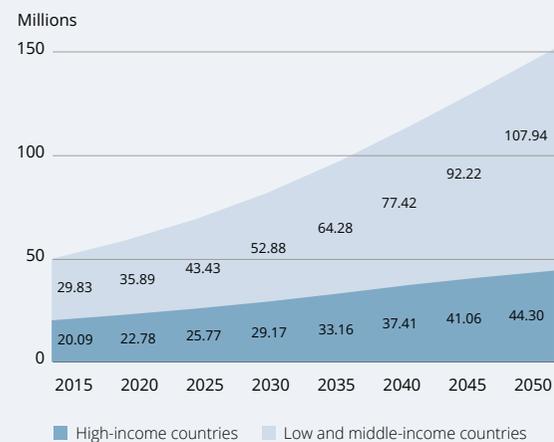


” The socioeconomic costs of Alzheimer’s disease are currently very high. At the individual level, the problems the disease causes for patients and their families are of course the most important. Currently there is no effective medication for the disease, and subsequently there is a high unmet medical need for both new symptomatic and disease-modifying drugs within this important area.

Professor Bengt Winblad, Karolinska Institutet

The figure below shows the expected growth in the number of cases of dementia between 2015 and 2050. The largest increase in number of cases of dementia and Alzheimer’s is expected to occur in low and medium income countries (LMIC), since these countries are expected to demonstrate a higher relative improvement in quality of life than high-income countries (HIC), which leads to an increased life expectancy. The need for novel therapies continues to be very high since there are currently no satisfactory treatment options for such patients.

The number of individuals with dementia in low and middle-income countries compared with high-income countries



Other diseases with cognitive dysfunction

There are several other diseases in which cognitive functions such as memory function and learning are affected; in addition to the classic neurodegenerative diseases such as Alzheimer’s and Parkinson’s disease, other indications include sleep disorders and traumatic brain injury. The cognitive dysfunction in these indications could be addressed by drug candidates from the Neuro-Restore platform.

Sleep apnea

Globally, over 900 million people are estimated to be affected by sleep apnea. A Swedish population study shows that 50 percent of women between the ages of 20 and 70 have mild sleep apnea and that 6 percent suffer from sleep apnea that is severe enough to require treatment. The condition occurs in particular with overweight and high blood pressure. As the population gradually becomes more overweight, the incidence of sleep apnea is also expected to increase. There is also a hereditary component associated with the condition. One consequence of suffering from sleep apnea is that the patient suffers from extreme fatigue, since the body reflexively wakes up when breathing stops. The body also suffers oxygen insufficiency since breathing is absent for long periods and the body does not get a chance to recover. This fatigue also leads to impaired cognitive ability. The patients’ symptoms are somewhat similar to Alzheimer’s, since memory function, learning and other cognitive abilities are negatively impacted by sleep apnea.

Traumatic brain injury (TBI)

Traumatic brain injury (TBI) is caused by external trauma where the nerve cells in the brain are immediately damaged. TBI is a major global health and socioeconomic problem and is a common cause of death, especially among young adults, and can cause lifelong injuries among those who survive. Every year about 10 million people suffer from TBI worldwide. In North America, TBI affects about 1.7 million individuals annually, with total medical costs of more than SEK 600 billion. The global market for treatment of TBI is expected to grow from SEK 970 billion in 2017 to SEK 1,350 billion in 2024. The two most common causes of TBI are traffic accidents

and falls. The majority of other causes of cases of TBI are violence or work or sports-related. The increase in TBI is due in part to the increased use of vehicles in low and middle-income countries.

TBI has been shown to increase the risk of developing dementia-related diseases, such as Alzheimer’s disease and other neurodegenerative diseases, such as Parkinson’s disease. Studies show that a person who sustains a TBI is at an approximately 24 percent increased risk of suffering from dementia.

The symptoms of TBI may be both physical and mental, and vary depending on the severity of the injury. Common symptoms include memory loss, headache, fatigue, sleep difficulties, concentration difficulties and mood swings. Depression during or after TBI is common. Within one year, half of all people with TBI suffer from depression, and within seven years, two thirds are affected.

Parkinson’s disease

Parkinson’s disease is a chronic and progressive neurodegenerative disease. The diagnosis is based on the patient having a combination of motor symptoms, such as tremors, mobility impairment, muscle stiffness, and balance and walking difficulties. The symptoms occur mainly as a result of a gradual loss of dopamine-containing nerve cells in the brain. In addition to the motor problems, impairment of cognitive functions such as memory and attention are also common.

Common cognitive problems include difficulties with:

- Attention and concentration.
- Planning such as organizing an eventful day.
- Following complicated conversations and the ability to solve complex problems.
- Being able to quickly formulate thoughts.
- Remembering events or special details, but where clues often guide the memory back.

Dementia associated with Parkinson’s disease is not an uncommon type of dementia, accounting for about 1.5–3 percent of all dementia cases.

Pain

Pain, both acute and chronic, afflicts millions of people around the world. Pain can be categorized in different ways, but one of the most common is nociceptive versus neuropathic pain.

Nociceptive pain is the result of activity in signaling pathways caused by tissue damage. Nociceptive pain is usually acute and develops in response to a specific situation, such as postsurgical pain and pain associated with sports injuries. It tends to disappear when the affected body part heals. One example of chronic nociceptive pain that lasts for more than 3–6 months is pain from osteoarthritis.

The body contains specialized nerve cells, which in turn have sensors known as nociceptors. They react to stimuli that can injure the body, such as extreme heat or cold, pressure, pinching and chemicals. These warning signals are then transmitted along the nervous system to the brain. This happens very quickly in real time, such as quickly pulling away hands after touching a hot oven, or not putting weight on an injured ankle.

Neuropathic pain is pain resulting from dysfunction in or direct damage to the nervous system. Neuropathic pain is almost always chronic. Chronic pain is a disabling disease that affects every aspect of the patient's life, which includes the ability of the individual to work and engage in social and leisure activities. Neuropathic pain affects a total of approximately 7–8 percent of the adult population, which means about 600 million people worldwide. People with certain diseases, such as diabetes and HIV, suffer from neuropathic pain to a greater extent; about 25 and 35 percent of patients with these conditions, respectively, experience neuropathic pain.

Peripheral neuropathic pain results from various types of damage to the nerve fibers, such as toxic, traumatic, metabolic, infection-related, or compressional injuries. Common symptoms are painful tingling or itching that can be described as a stabbing or burning pain, including a sensation of getting an electric shock. Patients may also experience allodynia (pain caused by a stimulus that usually does not cause pain) or hyperalgesia (increased pain from a stimulus that normally provokes pain). Examples of conditions associated with neuropathic pain are painful peripheral

neuropathy caused by conditions such as diabetes, painful postherpetic neuralgia (shingles), neuropathic pain induced by chemotherapy and/or direct injury to the nerve.

Osteoarthritis – “wear and tear arthritis” – can affect all joints of the body, but most common are the knees, hips, back and shoulders. It was previously believed that this pain was due entirely to local inflammation. It is now known that other mechanisms are involved, and that the pain is primarily nociceptive in nature. Osteoarthritis pain also affects most aspects of the patient's life; in addition to the severe pain itself, it limits mobility and the ability to work, while also making it difficult to engage in leisure activities and a social life. Physical exercise can only help to a limited extent, while existing drug treatments have only a small effect on the pain and should not be given to patients with conditions such as cardiovascular or lung disease. Therefore there is a great need for new effective drugs for the treatment of osteoarthritis pain.

Prevalence

An estimated 50 million adults in the US suffer from chronic pain that requires treatment. More Americans currently suffer from pain than diabetes, heart disease and cancer combined. The data from Europe show similar results and health and socioeconomic costs are estimated at 3–10 percent of gross domestic product in Europe.

The neuropathic pain market is characterized by high unmet medical need in all indications and in all major markets, where only 20–30 percent of patients respond to existing treatments. The patient population is expected to continue to grow, due to factors such as an aging population, an increased incidence of type 2 diabetes, and a growing number of cancer survivors who were previously treated with chemotherapy. The global market for neuropathic pain was valued at about USD 11 billion in 2020 and is expected to grow to USD 25 billion by 2027.

Woman suffering from postherpetic neuralgia after developing shingles:

“When I was diagnosed, and if someone had told me then, that — this is what you'll have to live with — then I'd have done something really crazy. This has really destroyed a large part of my life. I can tolerate a lot of pain, I've had breast cancer surgery, received chemotherapy and never complained, but this is horrendous. I've just received a new treatment, but I don't think it helps at all.” *Britt*.

600 million

Neuropathic pain affects a total of approximately 7–8 percent of the adult population, which means about 600 million people worldwide.

USD 25 billion

The global market for neuropathic pain was valued at about USD 11 billion in 2020 and is expected to grow to USD 25 billion by 2027.

Treatment

There is currently a major medical need for several different severe pain conditions. For example, about 70–80 percent of patients with neuropathic pain do not experience adequate pain relief with existing treatments. Because of the risk of abuse, overdose and secondary injuries, nowadays doctors avoid prescribing opioids as first-line treatment for pain. Despite this treatment problem they are still frequently used, for which reason the need for new treatments that do not involve opioids is great.

Comments on the report

Financial overview

SEK thousand	April-June 2024	April-June 2023	Jan.-June 2024	Jan.-June 2023	Jan.-Dec. 2023
Net sales	0	0	0	0	0
Operating profit/loss	-8,766	-10,497	-18,764	-20,259	-38,262
Earnings for the period and comprehensive income	-8,653	-10,211	-18,457	-19,756	-37,167
Earnings per share, basic (SEK)	-0.12	-0.16	-0.28	-0.32	-0.60
Research expenses as a percentage of operating expenses (%)	66.0	75.1	68.2	73.8	72.1
Cash flow from operating activities	-9,178	-8,906	-19,241	19,189	3,057
Total assets	47,257	48,119	47,257	48,119	32,001
Cash and cash equivalents	43,916	45,232	43,916	45,232	29,100
Debt/equity ratio (%)	83.3	85.6	83.3	85.6	74.3
Average number of shares, before dilution	69,928,787	62,087,012	66,007,899	62,087,012	62,087,012
Average number of employees	11	11	11	12	11

See the definitions below.

Revenue and profit/loss

The company had no net sales during the period, which is in line with its plan and with earlier periods.

Earnings for the second quarter of 2024 totaled SEK -8,766 thousand (-10,497). The operating loss for the period January to June was SEK -18,764 thousand (-20,259). The company continued to conduct research in the second quarter of 2024, with steady progress according to plan. Research expenses accounted for 66.0 percent (75.1) of operating expenses in the second quarter and a total of 68.2 percent (73.8) for the first half of 2024. More information about research at AlzeCure can be found in the "Project Portfolio" and "Project Development" sections of this report.

Administrative expenses this quarter were on a par with such expenses during the same period the previous year. The total for the period January to June is somewhat higher, since the company continues to focus on communication and business development, including internationally. Operating profit/loss is in line with the company's plan for 2024.

Other operating income for Q2 totaled SEK 111 thousand (22) and includes, in addition to exchange rate gains, a grant of SEK 105

thousand; the total figure for the first half of the year was SEK 116 thousand (92).

Other operating expenses totaled SEK -23 thousand (-42) for the second quarter, with exchange rate losses totaling SEK -79 thousand (-47) for the first half of the year.

The company had 11 (11) employees on the closing date.

Earnings per share, basic, totaled SEK -0.12 (-0.16) for the second quarter of 2024, and SEK -0.28 (-0.32) for the period January to June.

Financial position

At the end of the period, equity was SEK 39,374 thousand (41,185) and the debt/equity ratio was 83.3 percent (85.6). Cash and cash equivalents at the end of the period totaled SEK 43,916 thousand (45,232). The company carried out a rights issue in May that raised SEK 39.2 million before issue expenses, along with a directed share issue in June, as Formue Nord Markedsneutral A/S chose to receive its agreed compensation as guarantor in shares. The directed share issue totaled SEK 1.6 million.

The company's available funds and equity as of June 30, 2024 are not deemed to be sufficient to cover the liquidity needed to

conduct the identified possible activities for the next 12 months. Financing risk continues to be high as a result of the current financial climate and geopolitical turmoil. The Board of Directors continuously reviews the company's long-term financing to ensure its continued progress. Existing projects can be reprioritized as an option to ensure future operations.

At the Annual General Meeting on May 17, 2023, the company launched another incentive program with 500,000 warrants aimed at the company's Chief Executive Officer. For more details, please see "Share-related compensation programs" in the report.

As of the closing date of June 30, 2024, a total of 500,000 warrants were issued. This gives a dilution effect of 0 percent on the closing date.

Cash flow and investments

Cash flow from operating activities including changes in working capital for the second quarter of 2024 totaled SEK -9,178 thousand (-8,906). For the period January to June 2024, the corresponding cash flow totaled SEK -19,241 thousand (19,189). The previous year's high figure is mainly attributable to the receivable that arose in the 2022 accounts relating to the issue proceeds, which were not settled until January 2023.

Cash flow from investing activities totaled SEK 0 thousand (0) in the second quarter and the corresponding figure for the period January to June 2024 is also SEK 0 thousand (7). Historically, the company has mainly invested in laboratory equipment.

Cash flow from financing activities also totaled SEK 34,057 thousand (420) for the second quarter of 2024. For the first half of the year, cash flow from investing activities totaled SEK 34,057 thousand (459). This item represents the proceeds from the rights issue carried out in May and the directed share issue carried out in June. The rights issue raised a total of SEK 39,172 thousand for the company, with SEK 32,414 thousand after issue expenses. The directed share issue to one of the guarantors of the rights issue raised an additional SEK 1,641 thousand for the company. The positive figure from the previous year is mainly due to a credited issue expense, attributable to the issuance in the fourth quarter of 2022, as well as the issue of a new incentive program aimed at the CEO.

Accounting policies and valuation principles

General information and compliance with IAS 34

The company's interim report has been prepared in accordance with IAS 34 Interim Financial Reporting, with consideration for the exceptions and additions to IFRS stated in RFR 2. AlzeCure Pharma AB (publ) is domiciled in Stockholm.

No expenses during the period have been deemed to meet the requirement for capitalization according to IAS38. The company's research has not yet advanced far enough for capitalization.

Significant accounting policies and valuation principles

This interim report has been prepared in compliance with the accounting policies and valuation principles applied in the company's most recent annual report.

Significant estimates and assumptions

When preparing interim reports, the Board and the CEO must, in accordance with the applicable accounting policies and valuation policies, make certain estimates, assessments and assumptions that affect the recognition and valuation of assets, provisions, liabilities, income and expenses. The outcome may deviate from these estimates and assessments and will very rarely amount to the same sum as the estimated outcome.

The estimates and assessments made in the interim report, including the assessment of the main causes of uncertainty, are the same as those applied in the most recent Annual Report.

Key ratios and definitions

Earnings per share: net sales for the period divided by the average number of shares during the period.

Debt/equity ratio: equity, and where applicable untaxed reserves (less deferred tax), in relation to total assets.

Research expenses as a percentage of total operating expenses: research expenses divided by operating expenses, which include research expenses, administrative expenses and other operating expenses. Research expenses include the company's direct expenses relating to research activities such as expenditures for personnel, material and external services.

Significant risks and uncertainties

The company develops drug candidates and activities will always involve regulatory, market and financial risks. Financing risk is deemed to have increased as a result of the current financial climate and geopolitical turmoil. Financing risk refers to the ability to finance projects to the point of commercialization. The company manages this through timely preparations for raising capital. See also the "Going concern" section below. Otherwise, no significant

changes regarding those risks and uncertainty factors took place during the period compared with those presented in the most recent annual report.

The geopolitical situation in the world is extremely uncertain, and it is difficult to say how it may affect the company's development. The company currently has no transactions or activities associated with Russia.

The general economy, both domestically and internationally, will continue to be a challenge for all companies going forward. High inflation and higher interest rates will most likely result in increased costs. The company is very cost conscious and continues to focus on prioritizing activities.

Related party transactions

During the second quarter of 2022, a consulting agreement was signed, on arm's-length terms, with the company Tegnér Biotech Consulting AB, which is owned by Board member Ragnar Linder. The agreement covers consulting services related to business development. During the first half of 2024 the fee for consulting services totaled SEK 9 thousand, of which SEK 0 thousand was charged to the second quarter.

Going concern

A rights issue and a directed share issue were carried out in the second quarter, raising SEK 40.8 million before issue expenses for the company. Consequently, the Board of Directors and the Chief Executive Officer hold the opinion that AlzeCure's financial position is strong enough to advance the key projects in order to generate great shareholder value. However, the Board does not believe that the available funds and equity as of June 30, 2024 are sufficient to cover the liquidity needed to conduct the identified possible activities for the next 12 months. Financing risk continues to be high as a result of the current financial climate and geopolitical turmoil. The Board of Directors continues to review the company's long-term financing to ensure its continued development. Existing projects can be reprioritized as an option to ensure future operations.

Reconciliation of alternative performance measures

SEK thousand	April-June 2024	April-June 2023	Jan.-June 2024	Jan.-June 2023	Jan.-Dec. 2023
<i>Research expenses as a percentage of total operating expenses:</i>					
Research expenses	-5,857	-7,898	-12,869	-15,023	-27,707
Administrative expenses	-2,997	-2,579	-5,932	-5,281	-10,598
Other operating expenses	-23	-42	-79	-47	-104
Total operating expenses	-8,877	-10,519	-18,880	-20,351	-38,409
Research expenses as a percentage of total operating expenses:	66.0%	75.1%	68.2%	73.8%	72.1%
<i>Debt/equity ratio (%) June 30, 2024:</i>					
Total equity at end of period	39,374	41,185	39,374	41,185	23,774
Total assets at end of period	47,257	48,119	47,257	48,119	32,001
Debt/equity ratio (%):	83.3%	85.6%	83.3%	85.6%	74.3%

The share, share capital & ownership structure

The share

The share has traded on Nasdaq First North Premier Growth Market under the name ALZCUR since November 28, 2018. In the second quarter, a rights issue was carried that caused the number of shares to increase by 23,042,461 to a total of 85,129,473 shares. Share capital increased from SEK 1,552,175.30 to SEK 2,128,236.825. In the second quarter, a directed share issue to Formue Nord Markedsneutral A/S was conducted, as they had guaranteed part of the AlzeCure's rights issue that ended on May 17, 2024, and wished to receive their agreed compensation as guarantor in shares. As a result, the number of shares increased by 965,727 to a total of 86,095,200 shares. Share capital increased from SEK 2,128,236.825 to SEK 2,152,380.

Share-related compensation programs

In 2023, the company provided an incentive program with warrants aimed at the Chief Executive Officer. A total of 500,000 warrants were issued. The warrants, which were issued at the market price based on an external valuation as of May 17, 2023, entitle the holder to subscribe for shares during the period July 1, 2026 – August 1, 2026. The issue price for newly subscribed shares totaled 150 percent of the volume-weighted average closing price for the company's shares on the Nasdaq First North Premier Growth Market during the 10 trading days preceding the Annual General Meeting on Wednesday, May 17, 2023. For more information, see the minutes from the annual general meeting.

The total dilutive effect of the incentive programs is 0 percent on the closing date.

Financial calendar

Interim report Q2, April–June 2024	August 26, 2024
Interim report Q3, July–September 2024	November 11, 2024
Interim report Q4, October–December 2024	February 27, 2025

Owners as of June 30, 2024

The 10 largest owners as of June 30, 2024	Number of shares	Share capital and votes
BWG Invest Sàrl	13,120,942	15.4%
Sjuenda Holding AB	6,600,000	7.8%
FV Group AB	4,400,000	5.2%
SEB-Stiftelsen	3,429,999	4.0%
Nordnet Pensionsförsäkring AB	3,194,705	3.8%
Avanza Pension	3,170,014	3.7%
Thomas Pollare	2,272,126	2.7%
Futur	2,060,496	2.4%
AlzeCure Discovery AB	1,710,000	2.0%
Acturum Life	1,478,872	1.7%
10 largest owners	41,437,154	48.7%
Other	43,692,320	51.3%
TOTAL	85,129,473	100%



The Board's assurance

The Board of Directors and the CEO hereby certify that this interim report provides a true and fair view of the company's operations, position and results and describes significant risks and uncertainties facing the company.

Huddinge, August 26, 2024

Thomas Pollare
Chairman of the Board

Eva Lilienberg
Board member

Ragnar Linder
Board member

Jan Lundberg
Board member

Janet Hoogstraate
Board member

Martin Jönsson
Chief Executive Officer

This report has not been reviewed by the company's auditors.

For more information, please see www.alzecurepharma.com or contact:
Martin Jönsson, CEO, info@alzecurepharma.com

FNCA is the company's Certified Adviser.
FNCA Sweden AB, info@fnca.se

Income statement and other comprehensive income

SEK thousand	April-June 2024	April-June 2023	Jan.-June 2024	Jan.-June 2023	Jan.-Dec. 2023
Net sales	0	0	0	0	0
Operating expenses					
Research expenses	-5,857	-7,898	-12,869	-15,023	-27,707
Administrative expenses	-2,997	-2,579	-5,932	-5,281	-10,598
Other operating income	111	22	116	92	147
Other operating expenses	-23	-42	-79	-47	-104
Operating profit/loss	-8,766	-10,497	-18,764	-20,259	-38,262
Profit/loss from financial items					
Interest income and similar profit/loss items	131	292	326	509	1,102
Interest expenses and similar profit/loss items	-18	-6	-19	-6	-7
Loss after financial items	-8,653	-10,211	-18,457	-19,756	-37,167
Earnings for the period and comprehensive income	-8,653	-10,211	-18,457	-19,756	-37,167
Earnings for the period per share, basic, SEK	-0.12	-0.16	-0.28	-0.32	-0.60
Earnings for the period per share, diluted, SEK	-0.12	-0.16	-0.28	-0.32	-0.60
Average number of shares, basic	69,928,787	62,087,012	66,007,899	62,087,012	62,087,012
Average number of shares, diluted	69,928,787	62,087,012	66,007,899	62,087,012	62,087,012

Balance sheet

SEK thousand	June 30, 2024	June 30, 2023	Dec. 31, 2023
ASSETS			
Non-current assets			
<i>Intangible fixed assets</i>			
Project rights	17	17	17
Total intangible fixed assets	17	17	17
<i>Tangible fixed assets</i>			
Equipment, tools and installations	198	595	376
Total tangible fixed assets	198	595	376
Total non-current assets	215	612	393
Current assets			
<i>Current receivables</i>			
Other current receivables	1,484	1,039	1,469
Prepaid expenses and accrued income	1,642	1,236	1,039
Total current receivables	3,126	2,275	2,508
Cash and bank balances	43,916	45,232	29,100
Total current assets	47,042	47,507	31,608
TOTAL ASSETS	47,257	48,119	32,001

SEK thousand	June 30, 2024	June 30, 2023	Dec. 31, 2023
EQUITY AND LIABILITIES			
<i>Restricted equity</i>			
Share capital	2,152	1,552	1,552
Total restricted equity	2,152	1,552	1,552
<i>Unrestricted equity</i>			
Share premium reserve	395,897	362,440	362,440
Accumulated profit/loss	-340,218	-303,051	-303,051
Profit/loss for the year	-18,457	-19,756	-37,167
Total unrestricted equity	37,222	39,633	22,222
Total equity	39,374	41,185	23,774
Current liabilities			
Trade payables	2,285	1,972	2,687
Other current liabilities	470	336	592
Accrued expenses and deferred income	5,128	4,626	4,948
Total current liabilities	7,883	6,934	8,227
Total liabilities	7,883	6,934	8,227
TOTAL EQUITY AND LIABILITIES	47,257	48,119	32,001

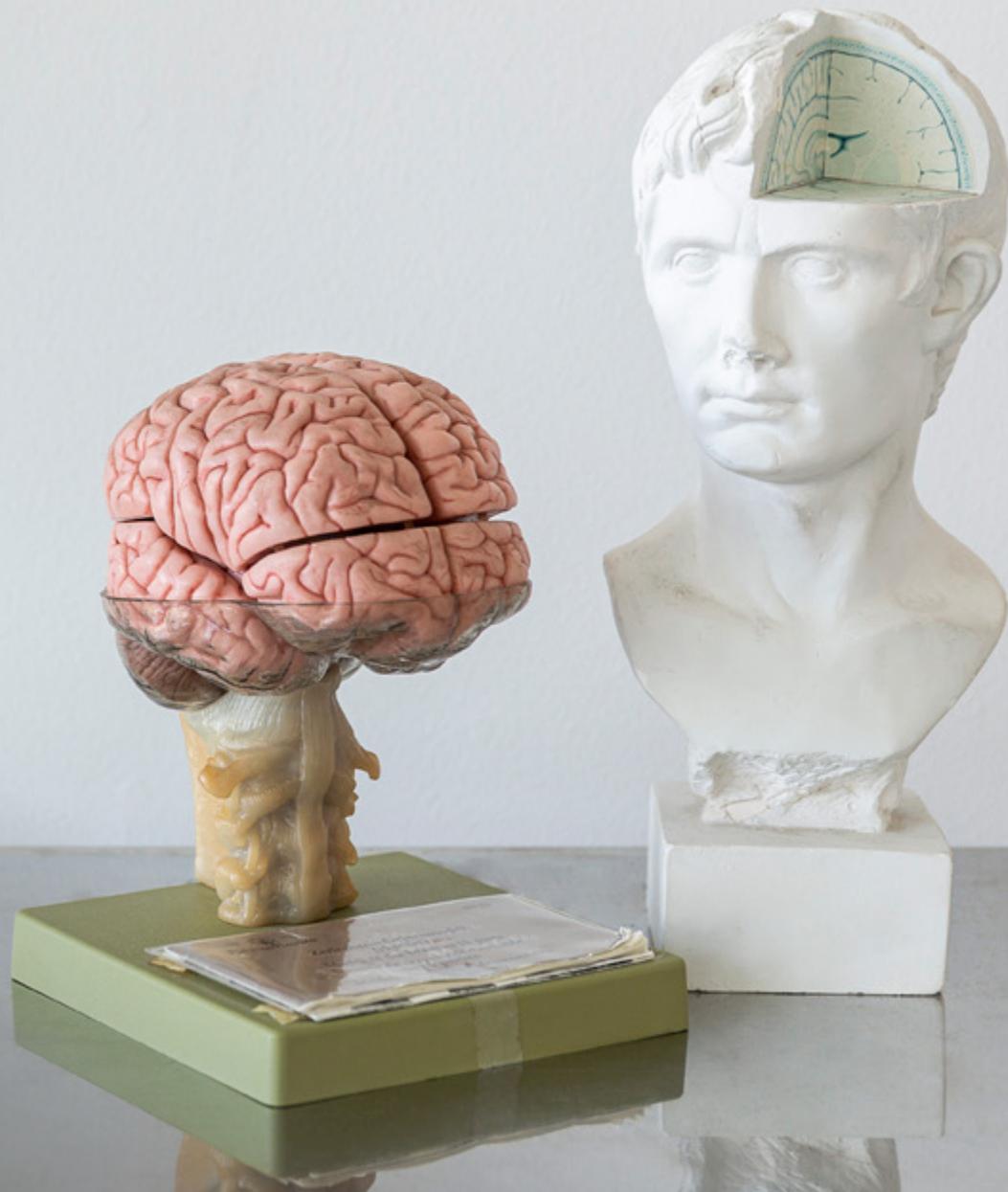
Statement of change in equity

SEK thousand	Share capital	Share premi- um reserve	Accumulated profit/loss	Profit/loss for the year	Total equity
Opening balance January 1, 2023	1,552	361,981	-246,812	-56,239	60,482
Appropriation of earnings			-56,239	56,239	0
Rights issue					0
Issue expenses		39			39
Warrants 2023/2026		420			420
Earnings for the year and comprehensive income				-37,167	-37,167
Closing balance December 31, 2023	1,552	362,440	-303,051	-37,167	23,774

Opening balance January 1, 2024	1,552	362,440	-303,051	-37,167	23,774
Appropriation of earnings			-37,167	37,167	0
Rights issue	576	38,597			39,173
Issue expenses		-6,757			-6,757
Directed share issue	24	1,617			1,641
Earnings for the period and comprehensive income				-18,457	-18,457
Closing balance June 30, 2024	2,152	395,897	-340,218	-18,457	39,374

Cash flow statement

SEK thousand	April-June 2024	April-June 2023	Jan.-June 2024	Jan.-June 2023	Jan.-Dec. 2023
Operating activities					
Operating loss before financial items	-8,766	-10,497	-18,764	-20,259	-38,262
<i>Adjustment for items not included in cash flow, etc.</i>					
Depreciation and amortization	69	125	178	257	476
Interest received	131	292	326	509	1,102
Interest paid	-18	-6	-19	-6	-7
Cash flow from operating activities before changes in working capital	-8,584	-10,086	-18,279	-19,499	-36,691
Statement of change in working capital					
Change in current receivables	241	1,244	-618	42,108	41,875
Change in trade payables	-969	140	-402	-2,873	-2,158
Change in current operating liabilities	134	-204	58	-547	31
Net cash flow from operating activities	-9,178	-8,906	-19,241	19,189	3,057
Investing activities					
Repayment of financial fixed assets	0	0	0	7	7
Cash flow from investing activities	0	0	0	7	7
Financing activities					
Issues	40,814	420	40,814	420	420
Issue expenses	-6,757	0	-6,757	39	39
Cash flow from financing activities	34,057	420	34,057	459	459
Cash flow for the year	24,879	-8,486	14,816	19,655	3,523
Cash and cash equivalents at beginning of period	19,037	53,718	29,100	25,577	25,577
Cash and cash equivalents at end of period	43,916	45,232	43,916	45,232	29,100



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