

## NeuroSense Granted U.S. Patent for Treatment of Alzheimer's Disease

- Patent protection extended through 2043
- Alzheimer's proof-of-concept study completed
- *Clinical and Biomarker Outcomes Expected in Q1 2026*

CAMBRIDGE, Mass., Jan. 21, 2026 /PRNewswire/ -- [NeuroSense Therapeutics Ltd.](#) (NASDAQ: NRSN) ("NeuroSense"), a late-clinical stage biotechnology company developing novel treatments for severe neurodegenerative diseases, today announced that the United States Patent and Trademark Office has granted U.S. Patent No. 12,527,768, entitled "**Compositions Comprising an Anti-Inflammatory Drug and a Dicer Activator for use in the Treatment of Neuronal Diseases.**"

The granted patent provides protection for the use of PrimeC combination in Alzheimer's disease, strengthening NeuroSense's intellectual property estate and supporting the program's long-term development and potential commercialization, with protection extending through 2043.

"This patent meaningfully expands and reinforces our intellectual property position around the PrimeC combination," said Alon Ben-Noon, Co-Founder and Chief Executive Officer of NeuroSense. "It reflects both the breadth of the underlying biology and our strategy to build durable protection as we advance PrimeC combination clinically in Alzheimer's disease and other neurodegenerative conditions."

NeuroSense recently concluded its proof-of-concept Alzheimer's disease study (RoAD), with top-line results demonstrating a favorable safety and tolerability profile. Clinical and biomarker outcomes from the study are expected in the first quarter of 2026.

### About Alzheimer's Disease

Alzheimer's disease (AD) is a progressive neurodegenerative disorder and the leading cause of dementia worldwide, affecting more than 30 million people globally. AD is characterized by memory loss, cognitive decline, and behavioral changes, and currently has no cure. Existing therapies provide only limited symptomatic relief, leaving a significant unmet need for disease-modifying treatments that can slow or halt progression. Given the complexity of AD, approaches that target multiple disease mechanisms simultaneously, such as PrimeC, hold potential to deliver meaningful therapeutic advances for patients and their families.

### About PrimeC

PrimeC, NeuroSense's lead drug candidate, is a novel extended-release oral formulation composed of a unique fixed-dose combination of two FDA-approved drugs: ciprofloxacin and celecoxib. PrimeC is designed to synergistically target several key mechanisms of ALS and AD, that contribute to neuron degeneration, inflammation, iron accumulation and impaired ribonucleic acid ("RNA") regulation to potentially inhibit the progression of ALS and AD.

### About NeuroSense

NeuroSense Therapeutics, Ltd. is a clinical-stage biotechnology company focused on discovering and developing treatments for patients suffering from debilitating neurodegenerative diseases. NeuroSense believes that these diseases, which include amyotrophic lateral sclerosis (ALS), Alzheimer's disease and Parkinson's disease, among others, represent one of the most significant unmet medical needs of our time, with limited effective therapeutic options available for patients to date. Due to the complexity of neurodegenerative diseases and based on strong scientific research on a large panel of related biomarkers, NeuroSense's strategy is to develop combined therapies targeting multiple pathways associated with these diseases.

For additional information, we invite you to visit our [website](#) and follow us on [LinkedIn](#), [YouTube](#) and [X](#). Information that may be important to investors may be routinely posted on our website and these social media channels.

### Forward-Looking Statements

This press release contains "forward-looking statements" that are subject to substantial risks and uncertainties. All statements, other than statements of historical fact, contained in this press release are forward-looking statements. Forward-looking statements contained in this press release may be identified by the use of words such as "anticipate," "believe," "contemplate," "could," "estimate," "expect," "intend," "seek," "may," "might," "plan," "potential," "predict," "project," "target," "aim," "should," "will" "would," or the negative of these words or other similar expressions, although not all forward-looking statements contain these words. Forward-looking statements are based on NeuroSense Therapeutics' current expectations and are subject to inherent uncertainties, risks and assumptions that are difficult to predict and include statements regarding the timing of regulatory filings, meetings and regulatory decisions. Further, certain forward-looking statements, including statements regarding the timing of the reporting of additional data from the study of PrimeC in Alzheimer's disease, are based on assumptions as to future events that may not prove to be accurate. The future events and trends may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward looking statements. These risks include the uncertainty regarding outcomes and the timing of current and future clinical trials; timing for reporting data, including from the study of PrimeC in Alzheimer's disease; that the study will not be successful; the ability of NeuroSense to remain listed on Nasdaq; and other risks and uncertainties set forth in NeuroSense's filings with the Securities and Exchange Commission


(SEC). You should not rely on these statements as representing our views in the future. More information about the risks and uncertainties affecting NeuroSense is contained under the heading "Risk Factors" in the Annual Report on Form 20-F filed with the Securities and Exchange Commission on April 7, 2025 and NeuroSense's subsequent filings with the SEC. Forward-looking statements contained in this announcement are made as of this date, and NeuroSense undertakes no duty to update such information except as required under applicable law.

Logo: [https://mma.prnewswire.com/media/1707291/NeuroSense\\_Therapeutics\\_Logo.jpg](https://mma.prnewswire.com/media/1707291/NeuroSense_Therapeutics_Logo.jpg)

SOURCE NeuroSense

For further information: For further information: Email: [info@neurosense-tx.com](mailto:info@neurosense-tx.com), Tel: +972-(0)9-799-6183

---

Additional assets available online:  [Photos \(1\)](#)

<https://neurosense.investorroom.com/2026-01-21-NeuroSense-Granted-U-S-Patent-for-Treatment-of-Alzheimers-Disease>