

Evergreen Therapeutics' EG-501 Demonstrates Positive Results in Phase II Interim Analysis

Evergreen Therapeutics recently announced that its AI-enabled candidate EG-501 has reached a major milestone. The ongoing Phase II trial has completed enrollment of half its target participants, and an interim analysis of the data has returned positive outcomes.

EG-501 is a First-in-Disease investigational drug candidate for cognitive impairment associated with neuropsychiatric systemic lupus erythematosus (NPSLE). Systemic lupus erythematosus (SLE) is a chronic, diffuse connective tissue disease driven primarily by dysregulated immune activation that attacks self-tissues, potentially affecting multiple organ systems. Clinical manifestations are highly varied, with cognitive impairment being one of the most common. Epidemiological data indicate that approximately 56% of patients with SLE may develop cognitive impairment within a one-year period. These deficits can include memory fuzziness, memory loss, aphasia, difficulty with verbal recall, and impaired concentration, and in severe cases can significantly disrupt daily life. The global SLE patient population was estimated at 7.8 million in 2020 and is projected to reach 8.6 million by 2030. To date, no therapies have been approved specifically for lupus-related cognitive impairment, highlighting a substantial unmet medical need and market opportunity.

“Leveraging our AI platform and its deep insights into disease biology and target mechanisms, we were able to precisely define the therapeutic indication for EG-501,” said Dr. Charles Lee, Chief Medical Officer of Evergreen. “The interim Phase II results show meaningful improvement in cognitive symptoms and quality of life, offering a potential therapeutic option. This is encouraging news, signaling a promising step forward for individuals affected by this condition.”