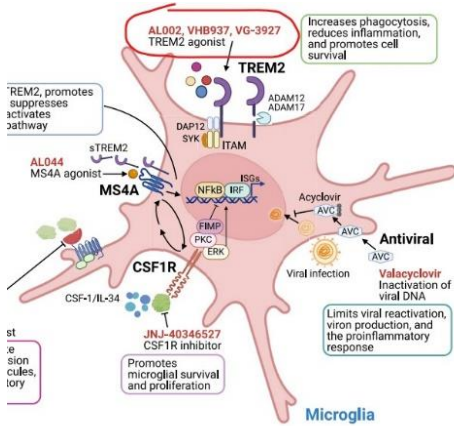


Hawaii Memory & Alzheimer's Research joins UCSF, UCSD & Cleveland Clinic to Investigate VHB937 – Novel TREM 2 Monoclonal Antibody engineered with Monovalent Transferrin Receptor (Tfr) Antibody Transport Vehicle (ATV) Facilitating Blood-Brain Barrier Transcytosis Reducing Neuroinflammation in Alzheimer's Disease

According to [Nature Neuroscience](#), Immune mechanisms play a fundamental role in Alzheimer's disease (AD) pathogenesis, suggesting that approaches which target immune cells and immunologically relevant molecules can offer therapeutic opportunities beyond the recently approved amyloid beta monoclonal therapies,



Loss-of-function variants of TREM2 are associated with increased risk of Alzheimer's disease (AD), suggesting that activation of this innate immune receptor may be a useful therapeutic strategy. High-affinity human TREM2-activating antibody engineered with a monovalent transferrin receptor (Tfr) binding site, termed antibody transport vehicle (ATV), facilitates blood–brain barrier transcytosis.

This is a multicenter, randomized, double-blind, placebo-controlled, parallel group Phase II study to evaluate the efficacy and safety of VHB937 in participants with early AD followed by an Extension. The double-blind part is 72 weeks long, followed by an extension. The purpose of this study is to find out whether treatment with VHB937 is safe and beneficial in people with early Alzheimer's disease. The study will evaluate the safety of VHB937, as well as its effects on memory and other thinking abilities, on daily activities, and on changes in the brain. The study will also observe and measure how VHB937 is processed by the body and how the body responds to it. [NIH Info](#),



“Our Hawaii patients, caregivers, families, neurologists & researchers are honored to be selected to contribute to the fight against neurodegenerative diseases and the efforts to improve the lives of those living with them.” Kore Kai Liow, MD, Neurologist & Principal Investigator, [Hawaii Memory Disorders Center](#) & [Alzheimer's Research Unit](#), Clinical Professor of Medicine (Neurology), Graduate Faculty, Clinical & Translational Research, University of Hawai'i John Burns School of Medicine.



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