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(54) Title: IMMUNOLOGICAL METHODS AND COMPOSITIONS FOR THE TREATMENT OF ALZHEIMER'S DISEASE

(57) Abstract: The present invention relates to immunogenic compositions and peptides comprising residues 4-10 (FRHDSGY) of the amyloid peptide Abeta42. The invention further relates to antibodies that bind to the Abeta(4-10) antigenic determinant. The invention provides methods for treating Alzheimer's disease and for reducing the amyloid load in Alzheimers patients. The invention also relates to methods for designing small molecule inhibitors of amyloid deposition.