

(54) Title of the invention : A NOVEL METHOD FOR DEEP LEARNING ARCHITECTURE FOR COGNITIVE EXAMINATION SUBSCORE TRAJECTORY PREDICTION IN ALZHEIMER'S DISEASE

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(57) Abstract :

Abstract To diagnose Alzheimer's disease in a patient is to have abnormal levels of kinase phosphorylation of the indicator protein in the cells when compared to the basic levels of kinase phosphorylation in the patient's cells. Includes deciding whether to rise to. Indicator protein example Erk1 / 2 and the active compound are, for example, bradykinin. Methods for cognitive examination predicting the progression of a subject's cognitive state are disclosed, taking a neuroimage of the subject, taking a data sample from the neuroimage, kinase phosphorylation selecting the time to predict the progression of the cognitive state, and calculating against the data. And the cognitive state of the subject is determined from the selected time point and the predicted cognitive metric.

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