

Dementia Journal Club



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Title: The Christchurch Mutation and other genetic modifiers of Alzheimer's Disease Risk

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ABSTRACT

The intrinsic variability of our genomes provides clues as well as confusion regarding predictions of the risk of Alzheimer's Disease (AD). The classic markers of AD, amyloid beta plaques and neurofibrillary tangles of hyperphosphorylated tau in the brain do not always correlate with the neuropsychiatric phenotype of AD. This presentation describes three different studies that provide insights into the mechanisms of neurodegeneration in AD, emphasizing the influences of genetic polymorphisms to either exacerbate or mitigate this disease process.