

DEMENTIA PATHOLOGY 2013 – NEW INSIGHTS?

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Multiple neuropathologic processes may underlie dementia, including both neurodegenerative diseases and vascular diseases. Dementia is most common among, but not restricted to, elderly individuals. In recent years, extensive research is providing a better understanding of the pathogenesis of several of these pathological processes; especially, the mechanisms of dementia-associated diseases. This lecture will present a succinct update of the neuropathological characteristics of the most common processes underlying dementia and discuss several important new insights gained in the last few years, such as a possible prion-like protein misfolding in Alzheimer's disease, tauopathies and Parkinson's disease, C9 mutations as the most prevalent cause of familial frontotemporal dementia, and the role of microvascular changes in cognitive decline