

Lay Summary

BRAIN UK Ref: 14/011

Molecular and conformational signature of chronic traumatic encephalopathy

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The main goal of this BRAIN UK Project is to study CTE specimens either from distant archive (e.g., the Corsellis collection) or from currently available tissue across the UK. Professors James Nicoll and Stephen Gentleman are collaborators and specific tissue region requests will be based first on availability and second on regions known to be affected in CTE, as advised by collaborators Professor Patrick Hof and Professor Steven DeKosky. In all cases, any first runs of new protocols will employ relatively more abundant tissue and only for specific refined questions will more precious tissue be studied. The GE MultiOmyx system will be employed in order to co-visualize many antigens on the same slide.