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Synchrotron FTIR Mapping of Brain Tissue from Transgenic Mouse

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Beamline(s): U10B

Introduction: FTIR is being used to map brain tissue from transgenic mouse, with double knock-in propensity for neurodegeneration.

Methods and Materials: Brain tissue is sectioned from eight pairs of control and transgenic mice, age and sex matched. Sections are mounted on reflective slides for IR mapping of cortex, hippocampus and white matter.

Results: This study only commenced in September of 2001. Data collection is not yet complete.

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