PROJECT RESUME

This research aims to investigate potential microstructural abnormalities throughout the core white matter tracts of the brain and their potential contribution to a predisposition for developing bipolar disorder. To achieve this we will examine the white matter fiber bundles of participants with bipolar disorder, and first- degree relatives without any signs of symptoms of a disorder and comparing these two groups to controls. All participants will undergo psychiatric interview, MRI scan using a high angular resolution sequence to optimally reconstruct fibre pathways.