

Lay Summary

BRAIN UK Ref: 15/021

Investigation of astrogliosis and Lox expression in the Occipital Lobe of Bipolar Disease affected patients.

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Using tissue from Brain UK we have already demonstrated that a novel enzyme named LOX is under expressed in the supporting cells in bipolar disorder. We now wish to expand upon these findings by increasing the sample size to increase statistical significance and by using sophisticated technology that could determine the origin of LOX and why it is affected in bipolar disorder.