Reviewer's report

**Title:** Non-neuronal and neuronal BACE1 elevation in association with angiopathic and leptomeningeal beta-amyloid deposition in the human brain

**Version:** 1  **Date:** 10 February 2015

**Reviewer:** Michael Murphy

**Reviewer's report:**

Xue et al have performed a study on BACE1 elevation in association with both angiopathic and leptomeningeal beta-amyloid deposition in the human brain. This is an interesting and timely study, and as a whole, exceptionally well done. The biopsy study is quite unusual, and will be of wide interest to researchers (both basic and clinical) in the field of neurodegenerative disease.

Minor Essential Revisions: there are many, many instances of incorrectly converted / formatted special characters that must be corrected.

**Level of interest:** An article of importance in its field

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests