Reviewer's report

Title: Electroacupuncture decreased cognitive impairment and promotes neurogenesis in the APP/PS1 transgenic mice

Version: 1 Date: 17 June 2013

Reviewer: ling cheng

Reviewer's report:

In this article, authors demonstrated that EA stimulation in Baihui (GV 20) acupoint ameliorated learning and memory deficits and reduced A #42 deposit in APP/PS1 mice. Their hypothesis is the promotion of neurogenesis and the up-regulation of BDNF expression in the hippocampus and cortex of the APP/PS1 double transgenic mice.

Minor essential revision:

It would be helpful if authors could offer the flow chart to clarify the experimental protocol.

Besides, it would be helpful if authors could mark how many mice they have used, not only in the figure legends, but also in the graphs.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.