Reviewer's report

**Title:** Acupuncture Increases the Total Neuron Number in the Hippocampal CA1 Area of Rats with Multi-infarction Dementia

**Version:** 3 **Date:** 28 January 2015

**Reviewer:** Xinyan Gao

**Reviewer's report:**

The article was focused on the effect of acupuncture on cognition in VD patients by behavioral test and immunostochemical staining in hippocampal CA1 area. The language is ok and data are reasonable for understanding.

Still some small modifications are needed: Text in the figure is not readable. Physiologic saline in page 5, line 2 should be normal saline. In figure 2A, the above charts of synaptic bouton is not the same size as 4* in the neuron and astrocyte. And also, the author should explain clearly which area is enlarged in the above charts shown in the below. In figure 2B, the reviewer can not understand why n=4, since in each group there are 10-11 rats.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.