Reviewer’s report

Title: Electroacupuncture improves cerebral blood flow and attenuates moderate ischemic injury via Angiotensin II and its receptors-mediated mechanism in rats

Version: 2 Date: 3 July 2014

Reviewer: Meiyan Jiang

Reviewer’s report:

Minor Essential Revisions

The authors have addressed majority of my concerns in the revised manuscript, and I think the study is suitable for publication, if the authors can make some minor edits on the manuscripts (listed below).

1. Method: Immunohistochemistry Assay. Authors compared the expressions of Ang II, AT1R, and AT2R before and after MCAO as determined by immunohistochemistry assay (IOD). Author should clarify immunohistochemistry assay in the method. Author need add the details and references. Add this sentences “The ROD was calculated according to the following equation: (OD of Ang II/ AT1R/ AT2R # OD of background)/OD of background as reported previously (Xiao, Jiang et al. 2013; Zhang, Xia et al. 2013)

2. Method: Western blotting; authors mentioned “Gq proteins as described previously”. However there is no reference. Author need add the reference.

3. Discussion: the 4th paragraph “According to the Nested design study on EA combined with our earlier research, stimulation parameters, with a stimulation rate of 15 Hz and an electrical current amplitude of 1mA for 20 minutes, was adopted in this study.” Is your earlier research published or not? Please add the reference.

4. The letter “P” in “P<0.05” should be italic.

5. Table 5, please clarify the meaning of “*p<0.05, **p<0.01 vs m”


Level of interest: An article of importance in its field

Quality of written English: Acceptable
Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests: I declare that I have no competing interests.