Reviewer’s report

Title: Danggui-Jakyak-San ameliorates memory impairment and increase neurogenesis induced by transient forebrain ischemia in mice

Version: 2 Date: 21 August 2013

Reviewer: Yukiya Suzuki

Reviewer’s report:

Minor Essential Revisions

1) In Figure 1, the authors started this study with the results that DJS (100 or 200 mg/kg/day, p.o.) increased learning and memory under physiological condition. Please explain why the authors chose this design.

2) In the figure legends section, be specific about the number of animals in each experiment and which tests were used to assess which experiments.

3) In Figure 1A, the authors showed the significant decrease of the effects of DJS at 400 mg/kg. In this context, the authors should write possible limitations of this study in the discussion.

4) In the methods section (surgery and drug administration), the authors should describe the vehicle administration in detail.

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

Quality of written English: Acceptable

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