Reviewer’s report

Title: Gastroprotective effect of the traditional herbal medicine, Sipjeondaebotang water extract, against ethanol-induced gastric mucosal injury.

Version: 1 Date: 12 August 2014

Reviewer: Khaled Ahmed

Reviewer’s report:

General comment:
The present manuscript studies the Gastroprotective effect of the traditional herbal medicine, Sipjeondaebotang water extract, against ethanol-induced gastric mucosal injury. The effort made by the researchers either in writing the manuscript or practical work is good. However, some errors need to be corrected. Blue color is used for word(s) to be added and Red for the word(s) to be deleted all over the attached manuscript. Acute toxicity study was not well done because there were defects in the biochemical tests and findings which show that this herbal medicine is not toxic. In other words, the results of acute toxicity study were not convincing.

Introduction:
The information presented in this section is good.

Methods:
The methodology used is quite good but the tests used for acute toxicity evaluation were not enough; biochemical tests after using different doses is much preferred in this case. Other methods were acceptable.

Statistical analysis section is written in clear words

Results:
Although the findings are well presented, the following comments should be considered:
1) The results presented in figure 3 should be re-presented in a table form.
2) The unit of MDA was written in the method section as nmol of MDA/mg protein and in the results section µmol/mg protein (including figure 2A). The authors should correct this.
3) There is no indication in the results section for the use of the statistical test ANOVA, although it was stated in the Statistical analysis section.

Discussion and conclusion:
The authors discussed the presented findings very well except that table 1 mentioned in the discussion section and shown in the manuscript was not necessary.
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 have no competing interests to be declared