Reviewer’s report

Title: Potentiating and synergistic effect of grape fruit juice on the antioxidant and anti-inflammatory activity of aripiprazole against hydrogen peroxide induced oxidative stress in mice

Version: 4 Date: 22 Sep 2017

Reviewer: Ratana Banjerdpongchai

Reviewer's report:

The results in Figure 6 and 7 could not bring any significant and the authors might delete them and without make the conclusion changed.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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BCAM-D-17-00168R4Title: Potential and synergistic effect of grape fruit juice on the antioxidant and anti-inflammatory activity of aripiprazole against hydrogen peroxide induced oxidative stress in mice

Comments: For the relationship of various parameters in Figure 6 and 7 were not significant, since the correlation coefficient values are quite low far from 1 or 0.99. The conclusion seemed to make sense by disregarding of the Figure 6 and 7. For the standard of purified compounds in GFJ, it just used in a very small amount and could be commercially available, such as naringenin, hesperidin etc. For suggestion of Reviewer the use of brain tissue to evaluate for MDA is interesting and can be added in the future work in Discussion. For the Results, Figure 2-5 can be combined into one figure and labeled as A-E instead. Even though the 4th revised manuscript is not changed majorly as the points commented by the reviewers.

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