Reviewer’s report

Title: Antioxidant and vasorelaxant activities induced by northeastern Brazilian fermented grape skins

Version: 0 Date: 08 May 2017

Reviewer: Yau Yan Lim

Reviewer’s report:

This paper reports on a study that shows that the fermented grape skins have potent antioxidant and endothelium-dependent vasodilatory actions, which involves NO and EDHF pathways.

There are some errors and comments on the manuscript.

page 6, line 103: the phrase '5% of dry weight per liter of solvent' is not clear. Rewrite this.

page 7, line 133: The absorbance at 490 nm was measured until what time?

Page 8, line 154: It should be 0.45 µm

Page 12, line 249-250: give units for EC50

Page 12, line 264: Change 'any' to 'no' significant difference

Page 16, line 354: EDHF stands for Endothelium-derived hyperpolarizing factors

Table 2: line 530: Change 'WGS' to 'UGS'

Figure 1: State the meaning of symbol ***

Figure 2: Similar to comment to Fig 1. Meaning of ** and ***?

Comment on English: There is a need to improve the English writing as there are numerous grammar errors throughout the text.

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

Yes

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.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

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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