Reviewer’s report

Title: Synergistic gastroprotective activity of methanolic extract of a mixture of Melastoma malabathricum and Muntingia calabura leaves in rats

Version: 2 Date: 02 May 2017

Reviewer: Dominik Lenz

Reviewer's report:

This is about the study entitled "Synergistic gastroprotective activity of methanolic extract of different ratio of mixture of Melastoma malabathricum and Muntingia calabura leaves in rats". The authors analyzed the gastroprotective effect of two plants in different ratios. Without any doubt the study is of medical/scientific importance as the authors could prove a mixture-dependant gastroprotective effect of the treatment

Below some comments:

- the English should be edited by an editing service.

- Background: "Melastoma malabathricum also was known as senduduk ungu in Malaysia. It is one of the most common herbs or small shrubs found throughout the tropic in the moist land mostly from India, Thailand and Malaysia." - Some evidence should be cited here

- table 1: why are the data displayed as mean + SEM? Why is there no SD? Did the authors verify normal distribution? Is a normal distribution present in the results?

- table 3: why are the data displayed as mean + SEM? Why is there no SD? Did the authors verify normal distribution? The authors conducted an ANOVA test with those data. One of the requirements for ANOVA is normally distributed data.

- table 3: what is the unit of what the authors called "total acidity"

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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