Reviewer's report

Title: In vitro and in vivo effects of standardized extract and fractions of Phaleria macrocarpa fruits pericarp on lead carbohydrate digesting enzymes

Version: 2 Date: 24 October 2012

Reviewer: Mahbub Mostofa

Reviewer's report:

I have gone through this manuscript thoroughly and found that the experiment was properly designed and the paper well written. The data are sound, appropriate and the work original. All parts of the paper are well discussed; with some slight modifications the manuscript would be rich:

Major compulsory revisions:
1. In the first paragraph of the background, the whole sentence beginning with the phrase "Be that as it may..." should be deleted. It actually distorts the flow of thoughts.
2. Paragraph two of the background discusses diabetes. The authors should support this with some data of rates and prevalence.
3. In the background, third paragraph, the authors should include a brief description of the plant Phaleria macrocarpa and possibly, its photograph.
4. The works cited in the paper are numbered in the reference section of the manuscript, but not so in the text. This should be made similar.

Minor essential revisions:
1. In methodology section with sub-title "Animals", provide reference for use of 65mg/Kg b.w. as the dose pf streptozotocin.
2. Provide reference for the methods used.

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.