Reviewer’s report

Title: Evaluation of the effects of 80% methanolic leaf extract of Caylusea abyssinica (fresen.) Fisch. & Mey. on glucose handling in normal, glucose loaded and diabetic rodents

Version: 4 Date: 18 July 2012

Reviewer: Danielle Aragão

Reviewer’s report:

Major Compulsory Revisions: At the end of the subtitle "Grouping and dosing of animals" in Materials and Method the author used ml instead of mL. Please correct this mistake. In Statistical Analysis it was mentioned only one level of significance (P<0.05), but in the tables there are more two levels (P<0.01 and P<0.001). The author have to cite these levels in Statistical Analysis. In table 4 the author can't compare fasting BGL (0 time) with BGL 30 min. Fasting BGL is the baseline of the animal. "c" and "d" in Table 4 refer to which time for comparison?

Minor Essencial Revisions: In the test of antidiabetic activity was not measured BGL at 0 time? The subtitle in Results should be "Preliminary phytochemical screening" instead of "Preliminary phytochemistry screening". When the author mention some results in Discussion, he should cite the table referred to. In Table 3, p<0.001 was not cited in legend, but this level is mentioned in the table.

Level of interest: An article of importance in its field

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.