Reviewer's report

Title: Antihyperglycemic and antihyperlipidemic activities of aqueous extract of Hericium erinaceus in experimental diabetic rats

Version: 4 Date: 24 June 2013

Reviewer: Mariko MU Uehara

Reviewer's report:

Although the authors have done just 1-way ANOVA, the statistics should be still improved for this study. Regarding blood glucose and insulin levels, 2-way ANOVA should be done and main effects (time and treatment) and their interaction have to be indicated before the post hoc test as this reviewer’s previous comments. Please ask a statistician in your institute, if you have no idea for that. Furthermore, there was no mark on significant difference for Fig.1 and 2. This reviewer is wondering how the authors evaluate the results.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.