Reviewer's report

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

Version: 3 Date: 11 May 2013

Reviewer: Mariko MU Uehara

Reviewer's report:

The authors have improved the manuscript, but the reviewer still concerned the statistics.

The authors should have used 1- (for body wt, serum lipids, and oxidative parameters) or 2-(glucose and insulin: this experiment has 2 factors, treatment and time(day) ) way ANOVA and multiple range test (for example, Tukey or Bonferroni) as post hoc test. T-test is not suitable for this study.

Please reconsider the results and discussion in the manuscript according to results from the new statistics.

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.