Reviewer's report

Title: Hypoglycemic effect of polysaccharides with different molecular weight of Pseudostellaria heterophylla

Version: 4 Date: 31 July 2013

Reviewer: wei shen

Reviewer's report:

Major Compulsory Revisions

The manuscript by Hu et al. describes the hypoglycemic effect of polysaccharides with different molecular weight of Pseudostellaria heterophylla. Although the topic is interesting, the authors did not have convincing data to prove and testify their conclusions. The quality of the whole manuscript is not good enough for publication in this journal.

Major points:

1. The animal experimental design is not compatible with the results. In the methods part, authors mentioned that there are 7 groups including PF80, but actually no results were addressed about this group.

2. English is poor in the whole manuscript, especially abstracts part which needs to be modified because of too many mistakes. For example, line 2: molecular weight size, line 6: combine, line 7-9, line 18: lead, and line 19: inhibit.

3. Figure legends need more detailed information.

4. Figure 3: There is no significant change of Acrp30 and TNF# between model and positive group, so authors can not drew conclusions as they mentioned in the abstracts part.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Not suitable for publication unless extensively edited

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