Reviewer's report

**Title:** Methanolic leaf extract of Otostegia integrifolia Benth reduces blood glucose levels in diabetic, glucose loaded and normal rodents

**Version:** 3  **Date:** 10 September 2014

**Reviewer:** Ana E Andreazzi

**Reviewer's report:**

Major Compulsory Revisions

1) It is necessary to explain the meaning of OI symbol (abstract, line 12);

2) Authors should explain why they used different animal species (mice and rat) but they did not performed all experimental procedures in both species;

3) How long were the animals treated with the plant extracts? Was the administration chronic or acute?

4) page 6 lines 89 and 92: is the plant extract methanolic or ethanolic?

5) page 6 line 91: It is necessary to describe the protocols performed in phytochemical screening;

6) page 6 line 104: identify which groups were created;

7) Table 3 refers to results from rats or mice?

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

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests.