Author's response to reviews

Title: Quality Assessment and Anti-obesity activity of Stellaria media (Linn.) Vill.

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Author's response to reviews: see over
Quality Assessment and Anti-obesity activity of Stellaria media (Linn.) Vill.

neeru vasudeva Dr., surendra kumar sharma Dr. and neerja rani Dr.

Reviewer 1: WATCHO Pierre

Reviewer’s report:

Major compulsory revisions

Authors were initially (see my two previous reports) asked to support with a reference their methodological approach relative to the induction of obesity with a high fat diet and to give more lights on the discrepancy observed between body weight, food intake and adipose tissue.

In their attempt of answering, authors provided the reference number [21] to support their methodology. Although this reference partially supports their protocol (2 weeks for obesity induction), some aspects of this work are still difficult to understand:

1- The difference between the diets used: [normal (433.2 Kcal/100g) and high fat (583 Kcal/100) diets]. Are the calculations well done? Using these diets (closed diets), one could wonder why the normal diet itself did not provoke obesity.

2- The authors found that after 2 weeks of HFD, there was an increase in body weight gain without any change in food intake in all experimental groups. This observation continues to make the work doubtful.

In response of the editorial board with reference to referee 1 as stated under

Please note that, as peer review of your manuscript had reached the point where we were reticent to initiate further rounds of review and revision, we contacted a member of our Editorial Board who has experience in nutritional research to assess Referee 1s comments and your responses to them. It was their opinion that your protocol for induction of obesity in mice was entirely valid, and we therefore do not feel it necessary for you to respond further to the comment of Referee 1. However, we would ask you to address the final minor comment of Referee 2.
Reply: since the editorial board has thought that our protocol for induction of obesity in mice was entirely valid, and we therefore did not feel it necessary for you to respond further to the comment of Referee 1.

Reviewer's report

Title: Quality Assessment and Anti-obesity activity of Stellaria media (Linn.) Vill.

Version: 3 Date: 29 June 2012

Reviewer 2: kamal amin

Reviewer's report:

The author have been perform most of the requested issues However table 2 the symbol of significance need to be added

Reply: Corrected now

Editorial Board Member comments:

1. The amount of food eaten per day should be expressed in units of energy rather than weight. This will make it clearer to readers that the mice on the high fat diet were in fact eating more than mice on the normal chow diet.

Reply: Corrected now

2. The dosing paradigm of the agent of interest is not given. A 400 and 900 dose are mentioned, but are these doses given every day for the 6 week experimental period, or are they given only once? Are these doses given in the food, or in the drinking water, or injected? This need to be included in the methods and possibly also in the legends.

Reply: Corrected now. Its clearly mentioned under heading “High-fat-diet induced obesity” highlighted as under Test groups received LJ (400 mg/kg) and (900 mg/kg) along with high-fat diet for six weeks orally.

3. The level of English expression needs to be improved.

Reply: Corrected now