Reviewer’s report

Title: An Open Label Pilot Study to Evaluate the Efficacy of Spanish Black Radish on the Induction of Phase I and Phase II Enzymes in Healthy Male Subjects

Version: 2 Date: 26 August 2014

Reviewer: Elizabeth Steels

Reviewer’s report:

1. Major Compulsory Revisions
There are no major compulsory revisions.

2. Minor Essential Revisions

Abstract
1. In Background, line 2 - Please change “(eg. radishes)” to “such as radishes”).
2. In Methods, line 4 – Remove “(week 0)”
3. In conclusions, line 1 – Change the word “suggest” to “indicate”.

Background
4. In Para 3, line 2 and line 6 – Correct the spelling of “glucuronidation”.
5. In Para 5, line 11 – reword to something such as” Ingestion of radishes induces…. “.

Methods
6. Study participants, line 4 – delete “and a research ethics board”.
7. Study design, para 1, line 2 – delete the comma after “and”.
8. Study design, para 3, line 4 – requires a space between “3 and weeks”
9. Food Record and Diary, line 5 – Sentence to be deleted as it appears a repeat of prior sentence.
10. Analysis of Serum Hormones, line 1 – add “serum” prior to testosterone.
11. Acetaminophen Metabolites in Urine – para 3, line 3 – add space to “figure” and “3C”.
12. Other anthropometric.., para 1, line 5 – add space between “4” and “weeks”.

Discussion
13. Para 1, line 1 – change SBR to “Spanish black radish”.
14. Para 1, line 14 – space between “kappa” and “B”.
15. Para 3, line 10 – correct the spelling of S-transferase.
16. Para 3, line 14 – correct spelling of “estradiol”.

17. Para 4, line 3 – correct spelling of “cruciferous”.
18. Para 5, line 2 – remove hyphen between widely and used.
19. Para 5, line 3 – remove hyphen between clinically and relevant.
20. Para 5, line 5 – correct spelling of hepatocytes.
21. Para 5, line 12 – include “respectively” at end of sentence.
22. Para 6, line 7 - .. Corresponded to “an” increase…
23. Para 7, line 14 – The last 6 lines should be in the Limitations section. Some of the information is stated (repeated) already in Limitations section.
24. List of abbreviations – correct spelling of glutamyl transferase.

3. Discretionary Revisions

25. Background, para 2, line 4 – Remove “water soluble”.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**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.