Reviewer's report

Title: Camel Milk Ameliorates Steatohepatitis, Insulin Resistance and Lipid Peroxidation in Experimental Non-Alcoholic Fatty Liver Disease

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Reviewer: Azin Nowrouzi

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Dear editor

The manuscript entitled “Camel Milk Ameliorates Steatohepatitis, Insulin Resistance and Lipid Peroxidation in Experimental Non-Alcoholic Fatty Liver Disease” despite being interesting, contains so many mistakes that I’m afraid it cannot be accepted in the present condition. The article still needs extensive and careful revision.

The wrongs are numerous and I will mention just a few:

Methods:

Induction of hyperlipidemia:

Commercial rat chow … that contains (g/100 g) crude protein 20, fat 4, …. Perhaps it is better to omit units here because in the formula g/100g the gs cancel each other.

Results:

1. At the end of the first paragraph the sentence should probably be as follows: … but the ChM group weight increase was comparable with the C Group (p>0.05). There was no significant difference ….

2. Page 11: Glucose tolerance and serum insulin. Glucose tolerance may be better replaced by Serum glucose …. 

3. What do you mean when you say CM abolished the HCD-induced increase in FBG? The FBG did not go to very high values in the first place. And in the caption for Fig. 2A you have both Ch and ChM groups similarly different from control. The where did you get this p value of 0.004 that you mention in the text.

4. There are so many semicolons that should be replaced by comma and you have misplaced periods.

5. After explaining Fig 2B you go on to explain Fig 3A and B and then you come back to Fig 2b to explain HOMA-IR. It is better to finish with Fig. 2B and then go on to the next figure.

6. Page 14: liver function. This paragraph is not well written. It is not clear.

7. Figure 4 has been mislabeled as Fig. 4.

8. In the figure captions you keep on repeating the statistical method, which is redundant.
9. In title of caption for Fig. 2 you have misplaced (B).
10. Also in some figures you have used abbreviations for your groups and in some figures you mention the complete name.
11. In caption for Fig. 3 you do not mention anything about ITT.
12. You did not explain what FP is in Table 1 and Table 2.
Discussion:
13. Paragraph 2 page 15: what do you mean by “….de-esterification of the abundant FFAs”?
14. Another question: one problem with oral insulin is that it is degraded in the GI tract, then how do you think the insulin inside CM will be absorbed intact?
15. There are many grammatical and punctuation errors throughout the manuscript and the recent corrections by the authors are not sufficient.

Level of interest: An article of importance in its field

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

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

Declaration of competing interests:

I have no competing interests