Reviewer’s report

Title: Does the placebo effect modulate drug bioavailability? Randomized cross-over studies of three drugs

Version: 0 Date: 24 Apr 2017

Reviewer: Zhang Changzheng

Reviewer's report:

The clinical study by Muhammad et al. entitled "Does the placebo effect modulate drug bioavailability? Randomized cross-over studies of three drugs" evaluates the bioavailability of three safety drugs in plasma. In general, the idea is not quietly fascinating and the methods are fairly straightforward. The paper needs major improvements before acceptance.

1. In the background, the author mentioned the "drug*placebo interaction effect". It should be better to design an additional experiment to determine the possible changes in the bioavailability at different combinations of the drugs.

2. Please address the potential mechanisms underlying the "drug*placebo interaction effect" and give reasonable explanations involving the pharmacokinetics.

3. In addition, the authors should also pay attentions to the language mistakes.

Level of interest
Please indicate how interesting you found the manuscript:

An article of limited interest

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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