Reviewer’s report

Title: No changes in levels of bone formation and resorption markers following a broad-spectrum antibiotic course

Version: 0 Date: 07 Jun 2018

Reviewer: Lilian Plotkin

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

The current manuscript describes the effect of antibiotic administration on metabolic and bone resorption/formation markers in adult men. The study is interesting, and potentially important to understand the consequences (or lack thereof) of antibiotic administration. The results are largely negative, leading to the conclusion that bone remodeling is not affected by the antibiotics. The study design has limitations, including the lack of a non-antibiotic control group. Nevertheless, the study has value, and only minor issues should be addressed.

Specific comments:

1- Authors should avoid using the BTM abbreviation, which is not a common one and might not familiar to the readership of the journal.

2- The figure is disorganized, and it is hard to understand what follows under A and what under B. It might be better to separate the 2 panels into 2 figures.

Are the methods appropriate and well described?

If not, please specify what is required in your comments to the authors.
Yes

**Does the work include the necessary controls?**

If not, please specify which controls are required in your comments to the authors.

No

**Are the conclusions drawn adequately supported by the data shown?**

If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**

If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**

Please indicate the quality of language in the manuscript:

Acceptable

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