Reviewer’s report

Title: A practical guide for probiotics applied to the case of antibiotic-associated diarrhea in The Netherlands

Version: 1 Date: 25 Apr 2018

Reviewer: Luis Vitetta

Reviewer's report:

I have read the revised manuscript that investigated a practical guide to probiotics use as applied to antibiotic associated diarrhea.

Some minor points for the authors to consider:

1. Page 8 line 10-11: the authors describe probiotics as contributing to the maintenance of health…please consider that perhaps probiotics contribute to the maintenance of a balanced intestinal microbiota and consider amending.

2. Page 8 line 43: rather than compete with pathogens for adhesion sites on the gastrointestinal mucosa…this needs to be clearly referenced otherwise change to adhesion sites on intestinal mucus.

3. Page 8 line 47: interfering with signaling should be clarified, otherwise what type of signaling is being alluded to here?

4. Re the safety of probiotics, while it is agreed that probiotics are safe in healthy people, the fact that millions of doses are consumed globally daily by ill people the authors should better temper the sentence on page 9 line 14.

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.

Yes
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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1. Yes. I conduct research with probiotics.

2. Yes.

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