Reviewer’s report

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

Version: 0 Date: 10 Jan 2018

Reviewer: Raj Eri

Reviewer's report:

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The review article as a practical guide applied to AAD in The Netherlands by Agamennone et al., is a well written paper. The abstract reflects the whole paper quite well. The introduction provides data on the usage of antibiotics in The Netherlands but all the other sections with respect to the probiotic trials in AAD are from all over the world. Flow of analysis especially the literature search and inclusion criteria is well described in the results but the first part of discussion seems to repeat the results. The method of action can be expanded a bit more to reflect the latest research. The data analysis is excellent although I would specifically like a specific Figure for AAD in children only. Another aspect I would like the authors to discuss is the timing of the probiotics. For example, what is the latest on usage of probiotics pre-antibiotics and along with antibiotics. Similarly, can the authors explain their star classification in a detailed fashion? I would also like the authors to expand more on the doses and explain better how the recommended dose was arrived at.

Overall, a nice study.

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.

Unable to assess

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

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