Reviewer's report

Title: Positive regulatory effects of perioperative probiotic treatment on postoperative liver complications after colorectal liver metastases surgery: a double-center and double-blind randomized clinical trial

Version: 2 Date: 6 December 2014

Reviewer: Alexandre Darani

Reviewer's report:

Minors essential revisions:
1. Abstract background: note, postoperative intestinal infection is still common
2. Abstract aim: Zonulin needs a small introduction like: zonulin, a marker of intestinal permeability,...
3. Line 56: to evaluate the impact on the liver...
4. Line 58-61: grammatical review
5. Line 62: ? Paralyzed ??
6. Line 100: infectious complication need to be avoided, but you cannot say that antibiotics are not the best choice to treat them
7. Line 104: ... Bacteria may be expands?? Need grammatical correction
8. Line 126: our previous study...
9. Line 127: transmucosal permeation or permeability?
10. Line 332 to 334: this needs to be correlated with the amount of liver resection. Level of AST/ALT will vary considerably between massive reaction vs 1 single small border metastasis. Are the 2 groups comparable on this?
11. Line 357-360: does the liver resection not increase by itself directly the zonula in lever (or indirectly)? You use the term "liver barrier". What do you mean exactly? You cannot assume that it is similar than the Intestinal TJ junction. This needs more clarification
12. Line 359: We mean... Another verb would be more appropriate
13. Line 501: despite... Grammatical review
14. Line 582: that could be the first limitation
15. line 571: disable? Grammatical review

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

I declare that I have no competing interests