

Review of: "Microbial associations with Microscopic Colitis"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This manuscript confirms the results of previous publications regarding microscopic colitis and adds a few new details on the topic. In this study the authors reported the importance of the genus *Collinsella*; the family *Coriobacteriaceae* was described as relevant in previous studies so this is a small addition to what was previously known. Samples from ascending and descending colon were described as presenting microbiomes and this is a valuable information. The authors considered in this manuscript a high number of control individuals.

Some suggestion to improve the manuscript:

- 1) Details regarding diet and medications received by the patients were not provided. Please consider such information for the results analyses and discussion.
- 2) The sequencing analysis considered only V2 region of 16S rRNA gene. Most of the previous studies used V1-V3 or V3-V4 regions. Please add references supporting the use of V2 region for microbiome evaluation.
- 3) Table 2 can be moved to supplements.
- 4) Figure 1: graphs b, c g and h can be removed.
- 5) Figures 2 and 3 show exactly the same results, so Figure 3 can be removed.