

# Review of: "Gut Microbiome, Bone Health, and Air Pressure: Construing the Axis for the Proposed Triad"

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**Potential competing interests:** No potential competing interests to declare.

I read with great interest the present Manuscript which falls within the aim of the Journal. In my honest opinion, the topic is interesting enough to attract the readers' attention. Methodology is accurate and conclusions are supported by the data analysis. Nevertheless, authors should clarify some points and improve the discussion citing relevant and novel key articles about the topic. For all those reasons, I suggested performing the minor revisions.

- Inclusion and exclusion criteria should be clarified into a specific paragraph, to explain the article selection process;
- Please mention other examples of axes involving gut microbiota, and consider: "Ancona A, Petito C, Iavarone I, et al. The gut-brain axis in irritable bowel syndrome and inflammatory bowel disease. *Dig Liver Dis*. 2021;53(3):298-305. doi:10.1016/j.dld.2020.11.026";
- Authors may parallel their findings with recent evidence about the role of gut microbiota in systemic organs diseases. Please see: "Iavarone I, Greco PF, La Verde M, et al. Correlations between Gut Microbial Composition, Pathophysiological and Surgical Aspects in Endometriosis: A Review of the Literature. *Medicina (Kaunas)*. 2023;59(2):347. Published 2023 Feb 12. doi:10.3390/medicina59020347";
- The Authors have not adequately highlighted the strength and limitations of the study. I suggest better specifying those points.