

Review of: "Effect of Supplementation with *Moringa oleifera* on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Randomized Clinical Trial"

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Potential competing interests: No potential competing interests to declare.

- There is a lot of tautology in the introduction.
- 'A number of recent studies have identified plants that have fertility enhancement (and *Moringa oleifera* may be one of such plants, given its capacity in in-vivo studies in laboratory animals to inhibit inflammation and oxidative stress (Lans *et al.*, 2018; Ben *et al.*, 2023)'. This statement was from your write-up, it sounds contradictory, if numerous plants have been mentioned then you should be sure *Moringa oleifera* was part of them.
- In most of the parameters analyzed, the standard deviation is too high.
- I didn't see any analysis of the control group (What was the essence of the control group?).
- In all sincerity, the sample size is too small to support your conclusion; in addition, most of the parameters were not significant, resulting in me questioning your conclusion.
- The research topic is interesting, but it lacks depth.