

Review of: "Uncovering Insights Into the Bio-Efficiency of Zingiber Officinale Roscoe: Understanding Components That Contribute Significantly to Ginger's Anti-inflammatory and Antioxidant Potential in Relationship With Modern Drying Methods"

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Potential competing interests: No potential competing interests to declare.

The English language should be improved extensively. Please use italics when mentioning the plant.

Freeze drying and oven drying are far from modern; the title and all references to the "modernity" of these methods should be removed from the manuscript. In addition, freeze-drying is a very expensive method that is not a real alternative to traditional methods.

Some compounds are mentioned in the abstract as FD-1, OD-5, and OD-7. Codes should be avoided in the abstract, and the real names of these compounds should be mentioned.

Vitamin C is not considered a reference for anti-inflammatory activity; why do the authors include it?

What is an anti-inflammatory genetic receptor?

There are different studies with the same scope, similar results, and the same raw material, so the novelty of the study is compromised, and I have strong concerns about whether the manuscript is worthy to be published. The novelty should be clearly identified, and the differences with previous studies discussed properly, not only cited. For example, the authors state that a previous study "only used the Gas Chromatography analytical technique and conducted phytochemical analysis," but they use the same technique.

No justification about the selected receptor is given. Why do the authors select these receptors? What was the aim of this selection?

I will not continue with the reading as the manuscript deserves a great effort to be accepted in any journal. I recommend the authors to improve it.