

# 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"

Milena Zuza Prastalo<sup>1</sup>

<sup>1</sup> University of Belgrade

Potential competing interests: No potential competing interests to declare.

Dear authors,

I find the article's approach to analysing and evaluating phytochemical activity through various drying methods interesting. The research addresses a crucial aspect of developing optimal techniques for extracting unaltered, functional bioactive compounds from plants. The study extensively explores bioactive compounds in ginger across different drying methods, shedding light on their influence on ginger's anti-inflammatory and antioxidant properties.

However, there are several matters that I think warrant attention.

The authors ought to carefully review the article for grammatical errors and correct them as necessary. Additionally, certain terms throughout the document should be italicized, such as "in vitro," or the names of plants, among others. Furthermore, it is essential that chemical formulas are consistently written accurately throughout the manuscript; for instance, "Na<sub>2</sub>CO<sub>3</sub>" should be corrected to "Na<sub>2</sub>CO<sub>3</sub>."

Please provide more specific details in the abstract regarding the study's objectives, methods, key findings, and implications.

The methodology fails to specify the approach to statistical analysis, the number of replicates employed, or the nature of the samples utilized.

The discussion lacks depth and seems more like comments on the results. A critical analysis is necessary to compare the findings with those of other similar studies.

Refine the conclusion by succinctly summarizing the primary findings and their significance in a clear and direct manner.