

Review of: "[Mini Review] Role of Mango in Immune System"

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Potential competing interests: No potential competing interests to declare.

The presented article may be suitable as a chapter of a culinary book, but if the text is to be a scientific article, serious changes should be made to the text.

The article is written very generally and often off-topic. There is a lack of detailed information and facts confirmed by scientific research. For example, "A study on the fragrance characterization of mangoes found many aroma-active substances that are responsible for the fruit's distinctive flavor [12]." – it would be good to know exactly what aromatic substances are responsible for the characteristic smell of mango.

"In addition to their culinary pleasures and cultural significance, mangoes contain a variety of bioactive compounds, vitamins, and minerals that may have significant health benefits." – there is no explanation of what bioactive substances are and what compounds they belong to. The author only describes vitamins and minerals here, which is not enough.

The article is written in a too colloquial and subjective style. Scientific articles should not use the statements "fascinating relationship between mango consumption and..." or "Mango is a delicious fruit..." or "By embracing the delightful flavour." – this is a subjective statement, someone may like the taste of mango and someone may not. It can be written, for example, that mango is a fruit valued by many consumers due to its taste.

In each subchapter, the author provides the content of specific vitamins and minerals in ripe and unripe mango. To show the advantage of mango over other fruits in terms of high vitamin or mineral content, it would be useful to compare the content of these ingredients with other fruits that are more popular among consumers.

In each subchapter, the author briefly describes the health impact of bioactive substances contained in mango on the immune system. The entire article lacks specific information on how specific substances work and what mechanisms are responsible for them. Unfortunately, the entire manuscript lacks the role of the discussed substances found in mango in the immune system supported by scientific research.

In each subchapter, the author also briefly describes the additional effects of the substance on other aspects of health. Therefore, it would be necessary to either change the topic of the article, e.g., to "The importance of mangoes in human health," or focus only on immune issues.

The fragment about mango-based recipes and foods is completely unnecessary - the table does not relate to the topic of the article. A chapter should be added that would link the importance of mango bioactive substances on the functioning of the immune system and the content of these substances with mango-based food products.

"Mangoes are special in that they contain considerable amounts of vitamins A, C, and E..." - it would be necessary to describe the role of vitamin E contained in mangoes.

Unfortunately, the article does not read well. I would recommend rewording chapters 3 and 4 and placing them at the beginning of the article, which would introduce the reader to the topic.

Due to the numerous inconsistencies and defects of the article, in my opinion this review is not suitable for a scientific review.