

# Review of: "Biological Components in Cucumbers (Cucumis Sativus L.): Implications for Pickle Manufacturing and Health Benefits in Fresh and Processed Varieties"

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Potential competing interests: No potential competing interests to declare.

## Introduction:

- Consider providing a more concise and focused introduction that clearly states the purpose and scope of the review.
- Ensure that the introductory paragraph sets a clear context for the significance of cucumbers in various domains, such as nutrition, health, and cultural practices.

## Nutritive Composition:

- While the section provides detailed information on the nutritional composition of cucumbers, consider organizing the information in a more structured manner, such as by discussing macronutrients (protein, fats, carbohydrates) separately.
- Provide citations for the studies referenced in this section to support the nutritional claims made about cucumbers.

## Pickle Production:

- Break down the information into smaller, more digestible chunks to improve readability.
- Consider including subsection headings to clearly delineate the different stages of pickle production and processing.
- Provide explanations or definitions for terms that may not be familiar to all readers, such as "axenic culture" and "brine solution."

## Health Benefits:

- Ensure that the health benefits discussed are supported by recent scientific evidence and provide citations for the studies referenced.
- Consider organizing the information into subsections based on the different health benefits (e.g., anticancer properties, skincare benefits, cardiovascular health).

## Conclusion:

- Summarize the key findings and insights from the review in a concise manner.
- Emphasize the practical implications of the research and potential avenues for future studies.

Overall, the paper provides valuable insights into the nutritional and health benefits of cucumbers.