

Paper: “Biosynthesis of Silver Nanoparticles using Ajuga iva leaf extract and evaluating their antibacterial activity against E. coli and Streptococcus Bacteria”

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Peer review:

Reviewer 1: Mamadou Chetima Maina Boukar
University of Diffa, Niger

Reviewer 2: Olotu Titilayo
Department of Microbiology, Adeleke University, Ede

Reviewer 3: Blinded

Reviewer A:

Recommendation: Revisions Required

The TITLE is clear and it is adequate to the content of the article.

The title is clear, and it is adequate to the content of the article. However, the title could be rephrased as "Biosynthesis of Silver Nanoparticles using *Ajuga iva* leaf extract and evaluation of their antibacterial activity against *E. coli* and *Streptococcus Bacteria*".

The ABSTRACT clearly presents objects, methods, and results.

The abstract provides a concise overview of the objectives, methods, and results of the study. however Authors should add some sentences in this section to explain the importance role of silver nanoparticle in biotechnology, in medecine, before the aim of this study.

There are a few grammatical errors and spelling mistakes in this article.

There are some grammatical and spelling errors in the text. The authors should correct them.

The study METHODS are explained clearly.

Authors should clearly describe the methods for testing alkaloids, carbohydrates, flavonoids, etc., in the relevant section.

The body of the paper is clear and does not contain errors.

There are some errors in sentence structure and grammar.

Authors should consider reorganizing some paragraphs to enhance the overall coherence and readability of the paper.

Overall the English language experts may be consulted to improve the readability of the manuscript

The CONCLUSION or summary is accurate and supported by the content.

The authors should offer specific recommendations for future research or practical approaches based on the results.

The list of REFERENCES is comprehensive and appropriate.

Citations of references were too many, and they could be reduced and condensed. it would be advisable to include more recent references (3-5 years old references)

Please rate the TITLE of this paper.

[Poor] 1-5 [Excellent]

4

Please rate the ABSTRACT of this paper.

[Poor] 1-5 [Excellent]

3

Please rate the LANGUAGE of this paper.

[Poor] 1-5 [Excellent]

2

Please rate the METHODS of this paper.

[Poor] 1-5 [Excellent]

4

Please rate the BODY of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the CONCLUSION of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the REFERENCES of this paper.

[Poor] **1-5** [Excellent]

4

Overall Recommendation!!!

Accepted, minor revision needed

Comments and Suggestions to the Author(s):

The authors should consider quantifying the concentration of the silver nanoparticles to evaluate antibacterial effects against *E. coli* and *Streptococcus*.

The authors should offer specific recommendations for future research or practical approaches based on the results.

The authors could seek help from some English language experts to enhance the readability of their manuscript
