|  |
| --- |
|  |
| Book Name: | [**Microbiology and Biotechnology Research: An Overview**](https://www.bookpi.org/bookstore/product/microbiology-and-biotechnology-research-an-overview-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4816** |
| Title of the Manuscript:  | **Reduce the Risk of Oxidation and Pathogenic Bacteria Activity by Moringa oleifera Different Leaf Extract Grown in Sudan** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Microbial & Biochemical Technology, 12(1): 1-5, 2020.**

**DOI: 10.35248/1948-5948.20.12.427**

|  |
| --- |
| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The manuscript addressed the need to provide an alternative to chemicals in combating pathogenic bacteria. Therefore, is in alignment with recent scientific research trend of providing ecofriendly alternatives for synthetic drugs. Also, testing the efficacy of each fractions of the polyphenol compounds in the Moringa leaf brings novelty and innovation to the research.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **No. The following are possible suggestions**1. ***In vitro* activity of different solvent extracts of *Moringa oleifera* leaf on growth of pathogenic bacteria.**
2. **Antibacterial potential of different solvent extracts of *Moringa oleifera* leaf on some selected pathogens**
 |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The outline of the abstract was not properly arranged. The opening sentence should create an introduction to the topic at hand. The abstract did not mention the source of the bacteria organisms. Also the method of extraction was not stated. The data analysis employed for the research was also not stated.**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **The manuscript is scientifically correct. Although, all Moringa in the manuscript must be italicized and the first alphabet must be in capital letter.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The references are sufficient** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The author needs to check for grammatical errors, most especially in the introductory part and the result interpretations. |  |
| Optional/General comments | All Moringa in the work must be italicizedIs there any scientific reasons why the author chose to obtain Moringa from supermarket (if there is any, it should be stated)Statistical analysis was wrongly statedThe conclusion does not reflect the findings of the work (Author needs to rewrite section)In the methodology aspect, preparation of plant extracts should come before Mueller Hinton AgarThe subtitle Mueller Hinton Agar has no relevenace, I suggest the title should read (In vitro activity of Moringa leaf extracts on bacterial isolates (Mueller Hinton is just a media used for this particular experiment)The journal is acceptable for publication |  |

|  |
| --- |
| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Fayinminu Akintade Ojo, Benue State University, Nigeria**