



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Asian Journal of Research in Biochemistry</a>                                 |
| Manuscript Number:       | <b>Ms_AJRB_43125</b>                                                                      |
| Title of the Manuscript: | <b>In vitro Potential of Aqueous Extracts of Plant Leaves to inhibit Pathogenic Fungi</b> |
| Type of the Article      | <b>Original Research Article</b>                                                          |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                     | Reviewer's comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)                                                                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compulsory</b> REVISION comments | <p>1. In Materials and Methods section, the authors mentioned that:"Extract concentration of 40g/ml was obtained by dissolving 40g of the plant leaf powder of each plant species respectively in 200mls of sterile distilled water in a beaker". How did the authors have this concentration? And This concentration is dissolved solid concentration or material/water ratio?</p> <p>2. In Results section, the data were presented redundantly in some tables. For example, Table 1 presented the main effect and concentration of Moringa leaf extract on inhibition of <i>Aspergillus flavus</i> whereas Table 2 presented same results of interaction effect of Moringa leaf extract treatment and concentration on inhibition of <i>Aspergillus flavus</i>. The same pattern was observed in several tables afterward (Table 3-4, Table 5-6, Table 7-8, Table 9-10,...)</p> <p>2. In some tables (Table 1, 3, 5,...), please identify the concentration of plant extract used as treatment.</p> <p>3. In Table 31, please identify the concentration of plant extracts used in experiment</p> <p>4. In Table 32, please identify which plant extract used in that experiment</p> <p>5. The data from table 31, 32, 33 were repeatedly. Table 31 showed the inhibition of 3 plant extracts (Neem, Moringa, Bitter leaves) on 5 pathogenic fungi, whereas Table 32 showed the inhibition of plant extract (unknown) on same 5 pathogenic fungi, and Table 33 showed the inhibition 3 plant extracts on 5 pathogenic fungi in a variety of concentration. Please combine and present them in one table</p> | <p>1. it is material/ water ratio.</p> <p>2. The main and interaction effects presented in the results are absolutely correct.</p> <p>2, 3. The concentrations were stated.</p> <p>4. It is a grand mean table. No need for that.</p> <p>5. The data from tables 31, 32, and 33 were not repeated. thanks.</p> |
| <b>Minor</b> REVISION comments      | <p>1. In Introduction or Discussion section, please add more information about bioactive agents in plant extract which could inhibit the growth of pathogenic fungi</p> <p>2. Please describe the statistical analysis method in material and method section</p> <p>3. Please add the scientific name and cultivation places of Neem, Bitter, Moringa leaves</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>The scientific names have been mentioned in the abstract.</p> <p>No experiment was carried out to identify bioactive compounds. Hence, no need to mention them in introduction. Method of data analysis has been added .</p>                                                                                |
| <b>Optional/General</b> comments    | <p>-This manuscript tested the inhibition potential of plant extract (Neem, Bitter, and Moringa leaves) in vitro on some plant pathogenic fungi to produce a bio-control product. The idea and experiment design were based on scientific evidence and the data were technical sound. But it will be better if the authors focus some common pathogenic fungi in one species plant and test the inhibition on field. Please rewrite the manuscript with above comments</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>This can be done in another research. Thanks.</p>                                                                                                                                                                                                                                                           |