

Review Form 1.7

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| Journal Name: | South Asian Journal of Research in Microbiology |
| Manuscript Number: | Ms_SAJRM_102786 |
| Title of the Manuscript: | Antibacterial Potential of Annona muricata Leaf Ethyl Acetate Extract: A Promising Natural Source for Novel Antimicrobial Therapies |
| Type of the Article | Original Research Article |

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:

(<https://www.journalsajrm.com/index.php/SAJRM/editorial-policy>)

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) |
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| Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments) | 1. The manuscript is important for scientific community 2. Antibacterial Potential of Annona muricata Leaf Extract: A Promising Natural Source for Novel Antimicrobial Therapies 3. The abstract of the article provides a comprehensive overview of the study. It includes the aims of the research, the methodology used, the results obtained, and a conclusion summarizing the findings. The abstract highlights the significant antibacterial activity of the ethyl acetate extract from Annona muricata leaves against multiple bacterial strains. It also mentions the phytochemical analysis identifying bioactive compounds and suggests the potential of this extract as a natural and effective alternative for developing antimicrobial therapies. Overall, the abstract provides a clear and concise summary of the study. Author need to add the obtained inhibition zone, MIC, and MBC range values 4. The subsections and structure of the manuscript appear to be appropriate. The manuscript follows a logical flow, starting with an introduction that provides background information on the topic. The author shoul add some detail of the materials and methods used in the study. The results section is presenting the findings of the antibacterial activity of the Annona muricata extract and the determination of minimum inhibitory concentration (MIC) and minimum bactericidal concentration (MBC). The author should discuss the result more comprehensive. Overall, the manuscript follows a standard scientific structure and effectively presents the research findings. 5. The manuscript is scientifically correct 6. The references are not enough to provide information | |
| Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications? | The English language is acceptable | |
| Optional/General comments | | |

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PART 2:

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| | 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) |
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

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| Name: | Diana Maulianawati |
| Department, University & Country | Universitas Borneo Tarakan, Indonesia |