

Review Form 1.7

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| Journal Name: | Asian Plant Research Journal |
| Manuscript Number: | Ms_APRJ_117022 |
| Title of the Manuscript: | Phyto-constituents of the Ethanolic Extracts of the Bulbs of selected genera in the family Amaryllidaceae |
| Type of the 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.journalaprij.com/index.php/APRJ/editorial-policy>)

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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) |
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| <p><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>Fair</p> <p>Fair</p> <p>Fair</p> <p>Fair</p> <p>Fair</p> <p>Can be improved. Lack of reference Out of the reference cited, nearly half are out dated reference</p> | |
| <p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>Fair</p> | |
| <p><u>Optional/General</u> comments</p> | <p>1. Discussion can be improved.</p> <p>2. Identify and characterize key compounds using techniques like NMR spectroscopy, referencing existing literature for structural confirmation.</p> <p>3. Highlight known pharmacological properties (e.g., antioxidant, antimicrobial) of identified phytoconstituents to support their medicinal uses.</p> <p>4. Investigate potential synergies between compounds within plant extracts to enhance bioactivity, guiding further research into combination therapies.</p> <p>5. Stress the need to isolate and purify individual phytoconstituents via chromatography to enable focused pharmacological studies.</p> <p>6. Assess the safety profile and toxicity of compounds, including cytotoxicity and acute toxicity studies, to ensure suitability for medicinal use.</p> <p>7. Recommend conducting in vitro and in vivo studies to validate therapeutic efficacy, elucidate mechanisms of action, and explore formulation strategies for drug delivery.</p> | |

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? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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