

Review Form 1.7

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_115826
Title of the Manuscript:	A study of the antimicrobial and wound healing activities of the ethanolic leave extract of Anchomanes difformis (Blume).
Type of the Article	research

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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)
<p>Compulsory 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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes- The study provides evidence for the antimicrobial and wound healing properties of <i>difformis</i> leaves. These findings support its traditional usage in treating infections and wounds. Further research is warranted to elucidate the underlying mechanisms and optimize its therapeutic applications.</p> <p>YES YES</p> <p>YES</p> <p>YES</p> <p>More references can be added</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language used in the article is clear, concise, and scientific in nature.</p>	
<p>Optional/General comments</p>	<p>This study provides valuable insights into the antimicrobial and wound healing properties of <i>Anchomanes difformis</i> (Araceae) leaves. Through phytochemical analysis and experimental assays, it was determined that the extract of <i>A. difformis</i> possesses significant antimicrobial activity against various wound-infecting microorganisms, with MICs demonstrating its potency. Additionally, the wound healing analysis on Wister albino rats revealed a dose-dependent response, indicating the potential of <i>A. difformis</i> extract to promote wound contraction and healing.</p> <p>The presence of secondary plant metabolites such as tannins, saponins, alkaloids, flavonoids, and phenols in the extract further supports its traditional usage in treating infections and wounds. The absence of glycosides in the extract compared to the powdered leaves suggests a possible alteration or loss of certain bioactive compounds during the extraction process, warranting further investigation.</p> <p>Overall, the findings of this study provide scientific validation for the traditional medicinal use of <i>A. difformis</i> and underscore its potential as a natural remedy for wound management. Further research is recommended to elucidate the underlying mechanisms of action, optimize extraction methods, and explore the formulation of <i>A. difformis</i> extract for clinical applications. This research contributes to the growing body of knowledge on medicinal plants and highlights the importance of harnessing their therapeutic potential for the development of novel pharmaceuticals and wound care products.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Sagarika Nayak
Department, University & Country	KISS Deemed University, India