

## SDI FINAL EVALUATION FORM 1.1

### PART 1:

Journal Name:	<a href="#">Journal of Advances in Medical and Pharmaceutical Sciences</a>
Manuscript Number:	Ms_JAMPS_124422
Title of the Manuscript:	Therapeutic Potential of Methanolic Stem Extract of Costus afer on Serum Uric Acid, Tumor Necrosis Factor-alpha (TNF- $\alpha$ ), and Interleukin-6 (IL-6) Levels in Monosodium urate (MSU)-Induced Gouty Arthritis in Wistar Rats
Type of Article :	

### PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<ul style="list-style-type: none"> <li>• <b>Consistency and Formatting:</b> <ul style="list-style-type: none"> <li>○ Make sure terms like <b>TNF-<math>\alpha</math></b>, <b>IL-6</b>, and <b>serum uric acid</b> are consistently formatted throughout the document. Use italics or boldface as needed and ensure uniformity in abbreviations.</li> </ul> </li> <li>• <b>Grammar and Clarity:</b> <ul style="list-style-type: none"> <li>○ In the result section, for instance, "Additionally, the extracts effectively decreased TNF-<math>\alpha</math> and IL-6 levels," ensure there are no unnecessary parentheses that interrupt the sentence flow.</li> <li>○ Ensure sentences are clear and concise, such as changing "the presence of various bioactive compounds" to "the detection of bioactive compounds" in the phytochemical analysis.</li> </ul> </li> <li>• <b>Phytochemical Analysis:</b> <ul style="list-style-type: none"> <li>○ Specify which quantitative results align with the medicinal properties mentioned earlier. For example, clarify how the flavonoid concentration correlates with anti-inflammatory potential.</li> </ul> </li> <li>• <b>Statistical Analysis:</b> <ul style="list-style-type: none"> <li>○ Strengthen the description of statistical tests. For example, you could add, "One-way ANOVA followed by Tukey's post hoc test revealed that treatment groups had significantly lower TNF-<math>\alpha</math> and IL-6 levels compared to the untreated MSU group."</li> </ul> </li> <li>• <b>Animal Model Information:</b></li> <li>• Consider adding more detail regarding the rat model. For instance, "The rats were acclimatized for one week under standard laboratory conditions prior to the experiment." Find enclosed</li> </ul>	<p><b>This has been done in line with the reviewer's comment and highlighted in the peer-review document</b></p> <p><b>This has been noted, corrected and highlighted in the peer-review document</b></p> <p><b>Noted</b></p> <p><b>This has been noted, corrected and highlighted in the peer-review document</b></p> <p><b>Noted</b></p> <p><b>This has been noted, corrected and highlighted in the peer-review document</b></p>