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| Book Name: | [**Pharmaceutical Science: New Insights and Developments**](https://www.bookpi.org/bookstore/product/pharmaceutical-science-new-insights-and-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4779** |
| Title of the Manuscript:  | **ANTI-INFLAMMATORY ACTIVITY OF METHANOLIC EXTRACT OF HIBISCUS PLANTIFOLIUS** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Asian Journal of Pharmaceutical and Clinical Research, 11(11): 398-400, 2018.**

**DOI:** [**http://dx.doi.org/10.22159/ajpcr.2018.v11i11.28429**](http://dx.doi.org/10.22159/ajpcr.2018.v11i11.28429)

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The study informs a well motivated need for safer plant based anti inflammatory agents.****The extraction and bioassay method Carragenan-indued paw edema) are well established and provide relaibilty. Inclusion of the p-values strengenth signifance of finding and the bench mark agnist diclofenac is a usefull comparson** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Suitable** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | 1. **It conscise but lacks phytochemical characterization. A mention of key phyto chemicals like flavoinds, tannins, phenolics and potential mechanisms is suggested.**
2. **Instead of “confirmed significant anti-inflammatory activity” use “ findings suggest that MEHP exhibits insignificant anti-inflammatory potential likely mediated through COX inhibition hence further studies into ite active constituents and mechanisms recommended”**
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| **Is the manuscript scientifically, correct? Please write here.**  | **Yes valid since it employe valid methods for extraction, expriemnt bioassay and stastical evaluation methods were used.**1. **However, addition of traditional use and phytochemical component data in the introducto would strengthen the study.**
2. **For the extraction explicitly state the solvent to material ratio and percentage yield**
3. **For table 1 and figure 1, use percentage inhition of edema instead of paw volume of better clarity and also clearly define the stastical tests eg ANOVA**
4. **Discuss flavonoids and polyphenols role in COXin hibition in the yo.ur disscuion. Also add a comparison with other Hibiscus species already evaluated for anti-inflammatory properties and phyto chemicals pressent**
5. **In the conclusion avoid over generalisation “it is an esily available plant for natural remdies”**
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| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes however, ensure consistence in the formart** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes. However, these changes may be considered,Introduction “inflammation is fundermentally…….necrotic cells and tissues. There is unnecessary repeation.Suggested: inflammation is a protective resonse aimed at eliminating the initial cause of cell injury (eg., microbes,toxins) and damaged tissiue. Use formal scientific language (avoid informal terms like “playground, or medicinal medicine” |  |
| Optional/General comments | It’s a well structured pharmacological study that is scientifically valuable but with some refinements indicated above |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)*Mention the ethical gidelines followd; eg OECD or CPCSEA |  |

**Reviewers:**

**Kambugu, Mbarara University Of Science And Technology, Uganda**