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**Editor-in-Chief Tjnpr** <editor.tjnpr@gmail.com>  
 to me, arnida01, normaidah, syarifatullathifah25, rizkiaulia0921

The manuscript submitted to the Tropical Journal of Natural Product Research <https://www.scopus.com/sourceid/21100933230> SCOPUS Q3 by the corresponding author is undergoing the peer-review process.

Title: THE POTENTIAL ANTIOXIDANT OF MUNDAR LEAVES (*Garcinia forbesii* King.) n-HEXANE FRACTION FROM INDONESIA

Journal: Tropical Journal of Natural Product Research [www.tjnpr.org](http://www.tjnpr.org)

Corresponding Author: Sutomo

Co-authors: Arnida, Syarifatul Lathifah, Normaidah

Manuscript No: **TJNPR** AP100ARN

If you have any objections, please contact the editorial office as soon as possible. If we do not hear from you, we will assume you agree with your co-authorship.

The editorial decision will be communicated as soon as the review process is completed.

Thank you very much.

Best regards

Abiodun

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Professor Abiodun Falodun, PhD

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Review comments (THE POTENTIAL ANTIOXIDANT OF MUNDAR LEAVES (*Garcinia forbesii* King.) n-HEXANE FRACTION FROM INDONESIA)

**Editorial comments to authors**

Include date (Month and Year) of plant sample collection and voucher number.

**For in-text references, the superscript numerals should come after the comma or full-stop. List of references should follow journal adopted format. See journal website at <http://www.tjnpr.org/guideforauthors.aspx#> for details. Abbreviate all Journal names.**

**For reference section: Include/Complete the page numbering for Ref. no; 10-16, 21.**

**There are lots of grammatical errors that need to be corrected. Please submit for English Language editing. A certificate of English editing should be submitted when submitting the revised manuscript**

**All comments/corrections made by reviewers should be completely addressed, point by point, and make appropriate changes in the manuscript, or provide a suitable rebuttal to any specific request for change that has not been made.**

**All corrections/changes made in the manuscript should be highlighted in yellow colour when submitting the manuscript in the revised form on or before 10th June 2021.**

The authors should carefully revise and correct the manuscript taking into consideration the comments of all the reviewers. **50% of the references cited should be between 2016-2020. The revised and corrected manuscript should be subjected to plagiarism checker (17% allowed in TJNPR) and English language editing. Evidence of the checks should be attached when submitting the revised/corrected manuscript.**

During submission of the revised manuscript include another file labelled "**Responses to reviewers' comments**" (a matrix) clearly showing your responses to each of the issues raised by the reviewers; mention the section, page and paragraph/lines where and how the changes/corrections have been made.

Strictly adhere to the author guidelines. Make sure that all the facts and information provided in the manuscript are correct. Check grammar, spelling, spacing, other information and facts including scientific names, formulae, symbols, equations, etc.

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#### A. MANUSCRIPT

Journal	<b>Tropical Journal of Natural Product Research</b>
Manuscript Number	
Type of paper	
Title of paper	<b>THE POTENTIAL ANTIOXIDANT OF MUNDAR LEAVES (<i>Garcinia forbesii</i> King.) n-HEXANE FRACTION FROM INDONESIA</b>
Name of Authors	

#### B. REVIEWER'S SPECIFIC COMMENTS PER SECTION OF MANUSCRIPT

Abstract	-
Introduction	Research objectives need to be adjusted to the content of the research
Methodology	The authors should write the methodology clearly
Results	It need an explanation of what the circles on the chromatogram mean, as well as the scale next to the chromatogram.
Discussion	Discussions need to be carried out comprehensively.
Conclusion	-
References	Please correct the references as per the journal's guidelines
Figures, Tables	The figures are blurred. Please improve the quality of the figure.

#### C. REVIEWER'S GENERAL COMMENTS AND REMARKS

1. The authors are requested to focus on the presentation and language.

**D. REVIEWER'S RECOMMENDATION**

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### A. MANUSCRIPT

Journal	<b>Tropical Journal of Natural Product Research</b>
Manuscript Number	AP100AR
Type of paper	
Title of paper	THE POTENTIAL ANTIOXIDANT OF MUNDAR LEAVES ( <i>Garcinia forbesii</i> King.) n-HEXANE FRACTION FROM INDONESIA
Name of Authors	N/A

### B. REVIEWER'S SPECIFIC COMMENTS PER SECTION OF MANUSCRIPT

Abstract	No comments
Introduction	The focus of this research is related to the antioxidant properties of Mundar. However, there is lack of information which address issues such as why the antioxidant activity of Mundar should be studied.
Methodology	The formula showed in the section of "The antioxidant activity" is stated by the author to calculate the IC50 value. This is considered incorrect because this formula can only calculate the %inhibition and NOT the IC50 value. It is also important to mention the concentrations of the standard quercetin in this part of the method.
Results	In the results section, there is a table showing a side-by-side presentation of antioxidant activity as well as the IC50 value of quercetin and n-hexane fraction of <i>G. forbesii</i> . However, the quercetin should be presented using line chart so that we could see the linearity as well as the standard equation of quercetin.  Reviewer also noticed that the n-hexane fraction have been set into certain gradient of concentrations. This can be assumed that the authors used Probit analysis to calculate the IC50 of the n-hexane fraction.
Discussion	The author stated: <i>"Based on the calculation of the IC50 value, it can be seen that the n-hexane fraction of G. forbesii leaves has an IC50 value of 26.07 ppm which identifies it as a strong antioxidant"</i>  The category of antioxidant strength mentioned in this part should be based on a reference. Thus, we encourage the author to cite any information to support this statement.
Conclusion	No comments
References	Please add more references about <i>G. forbesii</i> to support this study.
Figures, Tables	Figures are presented well and clear. Table 2 should be revised as commented above.

### C. REVIEWER'S GENERAL COMMENTS AND REMARKS

English translations should be checked thoroughly. Some grammatical errors can still be found.

Some of the noticed words should be consider to be checked again:

- Simplicia/simplicial
- remaseration (found in section: *The G. forbesii leaves methanol extract*)
- "predict" should be "predicted"
- "connect" should be "connected"
- etc.

### D. REVIEWER'S RECOMMENDATION

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Reject for reasons noted by the reviewer (please be specific)	

### E. REVIEWER'S INFORMATION

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