

### Review Form 3

Journal Name:	<b>Advances in Research</b>
Manuscript Number:	<b>Ms_AIR_122760</b>
Title of the Manuscript:	<b>Chemical and Biological Evaluation of Ethanol Extract from Plectranthus barbatus Andrews Leaves (Lamiaceae)</b>
Type of the Article	<b>Research article</b>

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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### PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	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)
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>The antioxidant and antimicrobial effects of plant extracts have been the subjects of several scientific studies worldwide. Oxidative stress is linked to over 200 illnesses, and microbial infections are one of the major causes of mortality, especially in non-developing countries.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>I see that the title is not suitable; it must be more precise. We say 'chemical composition' if we determine the individual compounds by HPLC or GC/MS, for example. For this article, the authors just determined the family of compounds. To elevate the quality of the study, they could add the chemical composition of the extract determined by HPLC/MS if possible. On the other hand, the authors should specify the names of the activities instead of saying 'biological activity.' Suggested title: Antioxidant, Antibacterial, and Anti-Hemolysis Evaluation of Ethanol Extract from <i>Plectranthus barbatus</i> Andrews Leaves (Lamiaceae).</p>	
<p><b>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.</b></p>	<p>The abstract of the article is comprehensive</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>Yes</p>	
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>I think that this manuscript is not scientifically robust. The article determines four biological activities, but only in vitro. It does not determine the chemical composition or the major compounds in the extract and uses just one test for the last two activities. It employs standard tests and does not establish a relationship between the activities in the discussion section.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>I think that the discussion needs more references. The references are not well organized (reference number 1 is repeated). The authors should organize them according to the Vancouver style, for example, or any other style suggested by the editor.</p>	
<p><u>Minor</u> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><u>Optional/General</u> comments</p>	<p>/</p>	

### Review Form 3

#### **PART 2:**

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

#### **Reviewer Details:**

Name:	<b>Siham Ferdjioui</b>
Department, University & Country	<b>Ferhat Abbas Setif-1, University, Algeria</b>