

## Review Form 1.7

Journal Name:	<b>European Journal of Medicinal Plants</b>
Manuscript Number:	<b>Ms_EJMP_97780</b>
Title of the Manuscript:	<b>Anti-inflammatory Assessment of Methanol Extract of Acalypha Ciliata leaves and its Leucocyte Mobilization in Adult Wistar rats.</b>
Type of the Article	<b>Original Research Article</b>

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

(<https://www.journalejmp.com/index.php/EJMP/editorial-policy> )

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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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is the manuscript important for scientific community? <b>Yes</b> (Please write few sentences on this manuscript)</li> <li>2. Is the title of the article suitable? <b>Yes</b> (If not please suggest an alternative title)</li> <li>3. Is the abstract of the article comprehensive? <b>Rewrite</b></li> <li>4. Are subsections and structure of the manuscript appropriate? <b>yes</b></li> <li>5. Do you think the manuscript is scientifically correct? <b>yes</b></li> <li>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <b>Please add 5 modern references at last 5 years</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1- Was the current study compared with previous studies for the same conditions?</li> <li>2- If the study was repeated, what changes would it add?</li> <li>3- Is it possible to add a test for free radicals to know the activity of the extract?</li> <li>4- Is it possible to make measurements on T-cell with B-cell to know the immune activity?</li> <li>5- Why was the Lork method used to evaluate the acute toxicity study, and can other methods be used?</li> <li>6- Acute toxicity tests showed no toxicity and mortality at doses up to 5000 mg/kg-1. Has it been compared with previous studies and what is the statistical significance?</li> <li>7- The group that was treated with 100, 200 and 400 mg/kg body weight of the extract significantly (<math>P &lt; 0.05</math>) and in a dose-dependent manner decreased in TLC when compared to control. Can a P-value be added to all groups?</li> <li>8- According to the results, the methanol extract from the leaves of <i>Acalifa ciliata</i> has anti-inflammatory properties. Where is it applied and what is its purpose?</li> <li>9- High doses of the extract led to a better decrease in edema and an increase in leukocyte mobilization in response to agar suspension than low doses. Does this result have other dimensions for future studies and how?</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is language/English quality of the article suitable for scholarly communications? <b>may be rewrite introduction</b></li> </ol>	<p><b>may be rewrite introduction</b></p>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>10- The anti-inflammatory properties of the plant can result from the interaction of the various photochemicals present. Can it be performed on the reproductive tract of the doe to</li> </ol>	

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	<p>improve the properties of sperm and ovaries?</p> <p>11- Discuss the following statement: “Many herbs and anti-inflammatory substances alter inflammatory responses by accelerating the breakdown or reversing the effect of inflammatory mediators.”</p> <p>12- If the study was repeated on male rabbits, what would you expect?</p> <p>13- Does the choice of males over females affect the physiology of the used animals?</p> <p>Explain this?</p>	
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**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:**

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