

## Review Form 1.7

Journal Name:	<b>Journal of Advances in Medicine and Medical Research</b>
Manuscript Number:	<b>Ms_JAMMR_112233</b>
Title of the Manuscript:	<b>ANTI-INFLAMMATORY EFFECTS OF NANOPARTICLES CONTAINING ALPHA-HUMULENE IN A MODEL OF ALZHEIMER'S DISEASE</b>
Type of the Article	<b>Research article</b>

### **PART 1: Review Comments**

	<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>
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. This manuscript is absolutely necessary for the scientific community. Because, this study addresses a major health issue with a novel approach providing a positive treatment outcome. This will be highly beneficial for the health community.</p> <p>2. Yes.</p> <p>3. The abstract you provided is detailed and includes key elements necessary for understanding the study. It effectively communicates the research objective, methodology, results, and conclusion.</p> <p>4. yes, the subsections and structure of the manuscript is appropriate.</p> <p>5. Yes.</p> <p>6. The references are sufficient and it meets with the recent articles. There is no need for addition of new references.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. The quality of English is good and understandable</p>	
<p><b>Optional/General</b> comments</p>	<p>Your article stands out for its innovative approach in exploring the anti-inflammatory effects of alpha-humulene nanoparticles in Alzheimer's disease. The well-structured abstract provides a clear and concise overview of the study, making it accessible to readers. I commend the thoroughness of your methodology, which outlines the experimental model and treatment groups, enhancing the study's credibility. The results section reveals compelling differences in inflammatory markers between treatment groups, indicating the potential efficacy of alpha-humulene nanoparticles in addressing neuroinflammation in Alzheimer's disease. The conclusion effectively summarizes the impact of the treatments, highlighting the article's significant implications for potential therapeutic interventions. The inclusion of immunohistochemistry analysis adds depth to the study, offering intriguing insights into the effects of different treatments. Overall, your article not only contributes to the scientific understanding of Alzheimer's disease but is also engagingly written, making it accessible to a broad audience and fostering interest in this crucial area of research.</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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