

### Review Form 3

Journal Name:	<a href="#">Journal of Applied Life Sciences International</a>
Manuscript Number:	Ms_JALSI_124225
Title of the Manuscript:	Curcumin improves cognitive function by restoration of neurotransmitter balance, attenuate oxidative stress, inflammation and improves hippocampal integrity in intestinal ischemia/reperfusion injury induced-cognitive deficit in aged female Wistar rats
Type of the Article	

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

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	<ol style="list-style-type: none"> <li>1. This manuscript can serve as foundational preclinical research for future clinical studies</li> <li>2. Filling gaps in the literature – this manuscript can fill up the gaps in unexplored areas</li> <li>3. Study findings can expand the knowledge for future research</li> <li>4. It can help to enhance educational resources for educators and students</li> </ol>	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, title can be in brief Role of Curcumin in improving cognitive function in intestinal ischemia/reperfusion injury induced-cognitive deficit among aged female Wistar rats	
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.	Yes, abstract is comprehensive	
Are subsections and structure of the manuscript appropriate?	Yes, all the subsections are well defined and structured	
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.	<ol style="list-style-type: none"> <li>1. Study is structurally conducted very well</li> <li>2. All the methods and procedures have been described clearly</li> <li>3. Outcomes of the study have also been described well in detail with the help of graphics</li> </ol>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, references are sufficient enough and recent references are mentioned	
<b>Minor</b> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes, language is easy to understand	
<b>Optional/General</b> comments	NA	

**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>Shweta Patel</b>
Department, University & Country	<b>Galgotias University, India</b>