

### Review Form 3

Journal Name:	<a href="#">International Neuropsychiatric Disease Journal</a>
Manuscript Number:	Ms_INDJ_127870
Title of the Manuscript:	THE SYNERGISTIC EFFECT OF Curcuma longa AND Rosmarinus officinalis ON SOME BIOCHEMICAL MARKERS IN THE BRAIN OF ALCOHOL- TREATED RATS
Type of the Article	

#### **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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## Review Form 3

### PART 1: 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)
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	This manuscript highlights the neuroprotective effects of a mixed ethanol extract of <i>Curcuma longa</i> rhizome and <i>Rosmarinus officinalis</i> leaf in mitigating alcohol-induced oxidative stress and neurodegeneration. It demonstrates the synergistic potential of these extracts to enhance antioxidant defenses, reduce inflammation, and prevent histological brain damage. These findings provide a promising foundation for developing plant-based therapeutic strategies to combat alcohol-related neurotoxicity and associated cognitive impairments.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title effectively conveys the study's focus on the synergistic effects of <i>Curcuma longa</i> and <i>Rosmarinus officinalis</i> on biochemical markers in alcohol-treated rats. However, it could be revised for better clarity.  " <b>Neuroprotective Synergism of <i>Curcuma longa</i> and <i>Rosmarinus officinalis</i>: Effects on Biochemical Markers in Alcohol-Induced Neurotoxicity</b> "  This alternative emphasizes the neuroprotective aspect and the context of alcohol-induced neurotoxicity, aligning well with the manuscript's focus.	
<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>	The abstract is comprehensive but can be improved for clarity and focus. Condense the background to emphasize the study's objective and novelty of the extract combination. Simplify the LD50 testing description to highlight safety without excessive detail. Include comparative data (e.g., percentage change) to strengthen statistical results and briefly mention the mechanisms underlying the extract's protective effects.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	The manuscript appears scientifically correct, with a well-structured methodology and logical interpretation of results. However, some areas need refinement, such as providing additional statistical details (e.g., exact p-values) and explaining mechanisms more explicitly.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	The references provided are a solid mix of older foundational studies and recent research, but adding more recent studies (within the last 3-5 years) on the neuroprotective effects of specific compounds or newer mechanisms in alcohol-related neurodegeneration could enhance the relevance. Additionally, including studies that explore innovative treatments or multi-target therapeutic strategies would offer a more comprehensive view.	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language of the manuscript is generally suitable for scholarly communication but could benefit from minor revisions for clarity, consistency, and conciseness.	
<b>Optional/General</b> comments		

### PART 2:

	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)
<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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