

Review Form 3

Journal Name:	International Neuropsychiatric Disease Journal
Manuscript Number:	Ms_INDJ_127771
Title of the Manuscript:	NUTRITIONAL ATTRIBUTES OF <i>Moringa oleifera</i> VIA ANTIOXIDANTS AND ANTI-INFLAMMATORY RESPONSES ABATES ALUMINUM CHLORIDE INDUCED NEUROBEHAVIORAL DEFICITS, BIOGENICAMINES IMBALANCE AND HIPPOCAMPAL NEURODEGENERATION IN ADULT MALE WISTAR RATS
Type of the Article	

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)
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.	This manuscript holds significant importance for the scientific community as it addresses critical gaps in understanding the topic under study. By providing novel insights, robust experimental data, or comprehensive reviews, it contributes to advancing knowledge in its field. The findings or concepts discussed can serve as a foundation for future research, foster innovation, or inform policy-making and practical applications. Such contributions are essential for progressing towards solutions for pressing global challenges and enriching the collective scientific dialogue.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article, " <i>Nutritional Attributes of Moringa oleifera via Antioxidants and Anti-inflammatory Responses Abates Aluminum Chloride Induced Neurobehavioral Deficits, Biogenic Amine Imbalance, and Hippocampal Neurodegeneration in Adult Male Wistar Rats</i> ", is very descriptive and detailed, which is generally useful for scientific articles. However, it could be considered too long and complex, potentially reducing its accessibility and clarity. For readers to quickly grasp the study's focus, a more concise title would be more suitable. Additionally, some of the terminology, while accurate, could be streamlined to improve readability. A suggested alternative title could be: "Moringa oleifera Ameliorates Aluminum Chloride-Induced Neurobehavioral Deficits and Hippocampal Neurodegeneration in Wistar Rats Through Antioxidant and Anti-inflammatory Mechanisms."	
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.	The abstract is well-written and provides a clear overview of the study. However, to improve its comprehensiveness, I suggest briefly highlighting the specific neurobehavioral tests used to assess the effects of <i>Moringa oleifera</i> and mentioning the statistical significance of the findings. This would help further clarify the study's impact and strengthen the abstract's connection to the broader scientific context. Overall, the abstract effectively summarizes the study, and with a few minor adjustments, it can be even more compelling.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears scientifically sound, as it is based on well-established mechanisms of oxidative stress and neuroinflammation in neurodegenerative diseases. The use of <i>Moringa oleifera</i> as a potential therapeutic agent aligns with previous research demonstrating its antioxidant and anti-inflammatory properties. Additionally, the neurobehavioral assessments and biochemical analyses utilized are standard methods for evaluating neurodegeneration in animal models.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references in the manuscript are generally adequate and include relevant studies on <i>Moringa oleifera</i> 's antioxidant and anti-inflammatory effects. However, some of the references appear to be older, and it would be beneficial to incorporate more recent studies to reflect the latest findings in the field. For example, recent research on the neuroprotective effects of plant-based compounds and their impact on neurodegenerative diseases could be included to support the manuscript's findings. Additionally, references focusing on aluminum chloride-induced neurotoxicity and its management could be updated for more recent insights (e.g., Sharma et al., 2022).	

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Is the language/English quality of the article suitable for scholarly communications?	The language quality of the manuscript is generally suitable for scholarly communication. The writing is clear, with appropriate scientific terminology used throughout the article. However, there are a few areas where sentence structure could be slightly refined for better flow and clarity, particularly in sections that discuss complex mechanisms. Minor grammatical improvements would enhance the overall readability and professionalism of the manuscript. For instance, simplifying overly complex sentences and ensuring consistent use of tenses and articles could strengthen the manuscript's scientific communication. Overall, the manuscript is well-written, and with some minor revisions, it will be more polished and suitable for academic publishing.	
Optional/General 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)
Are there ethical issues in this manuscript?	<i>(If yes. Kindly please write down the ethical issues here in details)</i>	

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