

Review Form 3

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| Journal Name: | International Neuropsychiatric Disease Journal |
| Manuscript Number: | Ms_INDJ_123447 |
| Title of the Manuscript: | Unravelling Tamoxifen's Neuroprotective Effects Against Manganese-Induced Neurodegeneration, Cognitive Impairment, and Hippocampal Damage via the Nrf-2 Pathway in Adult Male Wistar Rats |
| Type of the Article | Original Research Article |

Review Form 3

PART 1: Review Comments

| <u>Compulsory</u> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | The manuscript has provided an insight of neuroprotective effect tamoxifen. Mn being common transition metal found in some edible products and vegetables. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title is suitable | |
| 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 comprehensive | |
| Are subsections and structure of the manuscript appropriate? | The subsections are appropriate | |
| 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. | The manuscript involves advance laboratory techniques, such as immunohistochemistry and specific region of the brain are targeted | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | The references are okay | |
| <u>Minor</u> REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | Is okay | |
| <u>Optional/General</u> comments | 1. Experimental design: Group D that received only TMX will lack the basis for comparism according to the title of the work. Suggestion: The design should be in a way that all the three groups should received Mn as inducing agent and then the intervention should be (A) with distiiled water (B) intervention with TMX 100 mg/kg (C) intervention with TMX 200 mg/kg and (D) should be treatment naïve group that received neither Mn nor TMX and should be compared with (A) as baseline to make sure the disease is induced with the administration of Mn. | |

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PART 2:

| | Reviewer's comment | Author's comment <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> |
|---|--|---|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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| Name: | Yusuf Alkali Ibrahim |
| Department, University & Country | Usmanu Danfodiyo University, Nigeria |