



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	<b>Ms_JPRI_46699</b>
Title of the Manuscript:	<b>Modulation the neuro-toxicity induced by aluminum chloride in rats using beetroots and Broccoli extracts</b>
Type of the Article	<b>Original Research Article</b>

**General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	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>Compulsory</b> REVISION comments	<p>Manuscript "Modulation the neuro-toxicity induced by aluminum chloride in rats using beetroots and broccoli extracts" - is interesting, however, there are some questions in the manuscript:</p> <p><b>Abstract –</b> The title and aim of the study does not matching Should be mentioned (in the objective of the study) what type of toxicity in animals.</p> <p><b>Background -</b> Did you noticed any similar compound isolated in both the beetroot and broccoli from the reviews? Why author(s) selected these two plants? Is described their similar properties with the objective of the current study? Need reviews of phytochemical properties especially neuro-modulatory role of these plants.</p> <p><b>Methods –</b> Route of administration is not mentioned in the animals (both the aluminum chloride and plant extracts)</p> <p>Universally, plant name is written as italic type face. It should to be corrected. How was assessed the animals were neurologically or physically weak after they were administered aluminum chloride?</p>	Thankl you for your comments. We have modified the manuscript as per your suggestion
<b>Minor</b> REVISION comments	<p>Why author has used liver and kidney for analysing the antioxidant activities? Why did not use brain tissue in the above analysis?</p> <p><b>in vitro</b> and <b>in vivo</b> - both highlights are italic type face</p> <p>Need more citation to justify the behavioural changes in animals during the current experimental period</p>	
<b>Optional/General</b> comments	<p>Is any type of behavioural changes were recorded in animals after administering aluminum chloride? What is the significance of dopamine and norepinephrine in this study?</p>	

**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>	
If plagiarism is suspected, please provide related proofs or web links.		



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	<p>Materials &amp; Methods - The residues were dissolved in 500 mL of 70% methanol, then the methanol-sample mixtures were refrigerated at <math>-20\text{ }^{\circ}\text{C}</math> for 24 h, thawed, and the supernatants were carefully collected - 24 h, thawed, and the supernatants were carefully collected from the precipitate.</p> <p><a href="https://mafiadoc.com/antioxidant-activity-and-phenolic-content-of-betalain-extracts-from-5a026db61723dd887d12bda2.html">https://mafiadoc.com/antioxidant-activity-and-phenolic-content-of-betalain-extracts-from-5a026db61723dd887d12bda2.html</a></p> <p>Require citation</p>	
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