

Review Form 1.7

Journal Name:	Asian Journal of Food Research and Nutrition
Manuscript Number:	Ms_AJFRN_97723
Title of the Manuscript:	Oxidative Stress markers and Toxic metals assessment in Albino Wistar rat fed with Vigna unguiculata expose to biopesticides (Bacillus thuringiensis, Neem Azadirachta) and agrochemical
Type of the Article	

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:

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The manuscript proposed to me for revision presents the data of a study of determine the Oxidative Stress markers and Toxic metals risk assessment in Albino Wistar rat fed with <i>Vigna unguiculata</i> expose to biopesticides <i>Bacillus thuringiensis</i> (Bt),</p> <p>The results showed that the agrochemicals caused a significant increase in lipid peroxidation in a blood sample of rats, anti-nutrient factors, heavy metals and a significant decrease in the activity of antioxidant enzymes: superoxide dismutase, catalase and xanthine oxidase activities in blood and cowpea seeds compared to biopesticides. In addition, heavy metal contamination in cowpea seeds controlled with agrochemicals has a hazard ratio and hazard index greater than 1, indicating a hazard, especially to children. Therefore, the study concluded that biopesticides such as Bt and Aza are an alternative method of controlling cowpea pests with much less effect.</p> <p>The manuscript is important for the scientific community.</p> <p>The title of the article is suitable. The article's abstract is comprehensive. The structure of the manuscript is appropriate. The manuscript is scientifically correct. The references are sufficient and recent.</p> <p>The article is suitable for publication.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	Yes	
<p>Optional/General comments</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)
<p>Are there ethical issues in this manuscript?</p>	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	

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Reviewer Details:

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