

## Review Form 1.7

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| Journal Name:            | <b>Journal of Advances in Medical and Pharmaceutical Sciences</b>  |
| Manuscript Number:       | <b>Ms_JAMPS_96803</b>  |
| Title of the Manuscript: | <b>Heavy Metals Contamination of Rice and Soil samples in Nnatu St Azuuiyi Udene, Abakiliki, Ebonyi State, Nigeria</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:

(<https://www.journaljamps.com/index.php/JAMPS/editorial-policy> )

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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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p> | <p>This study provides an interesting insight into the levels of heavy metals present in three different sites of rice-growing soils, and their accumulation in the rice grown on the same site in Nnatu St Azuuiyi Udene, Abakiliki, Ebonyi State. The study has employed a comprehensive methodology for the collection and analysis of the soil and rice samples, and the results show that the levels of arsenic, cadmium and lead were not significantly different across the three sites. The study provides valuable evidence that the rice grown in Nnatu St Azuuiyi Udene is safe for consumption.<br/>Yes</p> <p>Yes, the abstract of the article is comprehensive. It includes the aim of the study, the study design, the methodology used, the results, and the conclusion of the study.</p> <p>Yes</p> <p>Yes</p> <p>Relatively okay, but the authors should compare their metal level with related studies in other regions in Nigeria and other crops. Authors can consider the article below:<br/>Determination of heavy metals pisum sativum in Nigeria</p> <p>Authors did not mention their sampling method, how did they select the rice and soil samples? Was there any bias? Who grew the crops and when were they harvested?</p> <p>To increase the readability of their article, authors should report some of the results using chart/figures. Because Tables make it difficult for readers to quickly grasp the meaning of the data</p> |   |
| <p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>   | Yes   |   |
| <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) |
|--|--|---|
| 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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|----------------------------------|--------------------------------------|
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| Department, University & Country | China University of Petroleum, China |