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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_132421** |
| Title of the Manuscript:  | **Multiple Biomarkers Variability in Lead Exposed Fresh Water Fish, Clarias gariepinus** |
| Type of the Article | **Research Article** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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.** | 1. **This manuscript is aimportant in the fields of aquatic toxicology, environmental science, and fisheries management.**
2. **The research provide valuable insights into the toxicological mechanisms of lead in aquatic organisms.**
3. **These insights can inform the development of more effective monitoring and management strategies for lead pollution in aquatic ecosystems**
4. **The study's use of serum biochemical parameters as biomarkers for lead pollution shows the potential for these parameters to be used in monitoring programs.**
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| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes, 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. | **Its comprehensive but the methodology was omitted and some modification required as indicated in the manuscript** |  |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is scientifically correct |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes the references are sufficient and recent, there places in the manuscript that require citation. It was indicated. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes the language is suitable |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Ujah Innocent Izuchukwu, Enugu State University of Science & Technology, Nigeria**