

Review of: "Cadmium Toxicity-Induced Changes in Antioxidative Enzyme Levels in Freshwater Catfish *Channa Punctatus* (Bloch)"

J. O. Jimoh¹

¹ Federal University Oye-Ekiti

Potential competing interests: No potential competing interests to declare.

Introduction

The background to the study was established, but there was no mention of the research gap that this study would be filling. The justification of this study is very shallow or nonexistent. There was also no mention of the objective(s) in the introduction.

Materials and Methods

1. There was no mention of the number of fish used for the experiment.
2. The experimental design was not stated.
3. How long was the exposure to cadmium?
4. How did the authors arrive at the concentrations of 35 and 70 mg/L?
5. The authors did not state the precautionary measures that were taken to ensure that a case of animal cruelty is not raised in the course of the study.
6. There appears to be no mention of any ethical approval obtained for this study.
7. I think the title should be restructured to indicate that the authors were analyzing the fish for oxidative stress rather than enzymes.
8. **General Comment: The article, in its present state, is not fit for publication. However, the authors may be given an opportunity to address the raised concerns.**