



**SDI Review Form 1.6**

|                          |  |
|--------------------------|--|
| Journal Name:            | <a href="#">Journal of Advances in Biology &amp; Biotechnology</a>   |
| Manuscript Number:       | Ms_JABB_40699  |
| Title of the Manuscript: | REPRODUCTIVE TOXICITY & BIOMARKER RESPONSE TO A DAILY DOSE OF TOOTHPASTE (CLOSE UP) IN MALE ALBINO RATS ( <i>Rattus norvegicus</i> ) |
| Type of the Article      | Original Research 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:

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

**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 | The manuscript presents a robust and well-structured scientific consistency. The manuscript present interesting aspects in the effects of toothpaste ingestion (accidentally or intentionally) on hepato-renal functions, hematological and sperm parameters in male albino rats that can be glimpsed for a scientific publication within of the scope of Journal of Advances in Biology & Biotechnology, however the manuscript it seems possible publication but a minimal revision by the authors is required.  |   |
| <b>Minor</b> REVISION comments      | <p>In Abstract:<br/>The intentional or accidental ingestion of toothpaste should be avoided especially in children.</p> <p>The focus of the research was the study in rats that should not draw conclusions for humans in the study's findings. This statement can be made in the discussion.</p> <p>Objective: This study is aimed at evaluating the possible effects of toothpaste ingestion (accidentally or intentionally) on hepato-renal functions, hematological and sperm parameters in male albino rats albino wistar rats.</p> <p>Conclusion:<br/>The results from the study clearly points out that a prolonged ingestion of toothpaste generally affects the function of the liver, kidney and also the semen (for males) negatively which might lead to renal dysfunction and infertility <u>in men</u>. (The study was in rats???)</p> <p>Based on this efforts should be made to prevent the accidental ingestion of toothpaste especially in children.<br/>This assertion should be described in the discussion relating the dangers of ingestion to children, but not the conclusion item because the study was conducted on animals.</p> |   |
| <b>Optional/General</b> comments    | The manuscript description seems thoroughly executed for which I would like to congratulate the authors. I congratulate and encourage the authors to deepen the scientific theme described.  |   |



SDI Review Form 1.6

**Reviewer Details:**

|                                  |  |
|----------------------------------|--|
| Name:                            | <b><i>Anonymous</i></b>  |
| Department, University & Country | <b><i>Department of Semiology and Clinics, Federal University of Pelotas, Brazil</i></b> |