Reviewer's report

Title: Antioxidant activity and hepatoprotective potential of Cedrelopsis grevei on cypermethrin induced oxidative stress and liver damage in male mice

The authors have determined the antioxidant and hepatoprotective effects of Cedrelopsis grevei leaves against cypermethrin induced oxidative stress and liver damage in male mice. The data presented are preliminary, but are encouraging. There is potential for further chemistry work with respect to isolation and identification of bioactive compounds that are responsible for the hepatoprotective and antioxidant activities.

The authors are suggested to revise and resubmit the manuscript. Specific suggestions are as follows:

1) In abstract section, the abbreviations: DPPH, ABTS, ALT, AST, ALP and LDH were used in the manuscript even earlier than their description in the methods; therefore these abbreviations should be described in full form at their first use in the manuscript.

2) Phytochemical analysis: Can the authors summarize this section with appropriate references?

3) No positive control was used in the antioxidant assay (line 156), making the validity of the data presented questionable. The authors need to add control to the experiment for good assessment of the data obtained.

4) The authors should also give relationship about traditional usage and the results.

5) Please, rewrite the results and conclusion sections to summarize them.

6) The references are not in the correct format of the journal.

7) Please ensure that your tables and figures are correctly formatted in accordance with the formatting guidelines of the Journal.

Specifically, tables and figures should have a title (above the table) that summarizes the whole table; it should be no longer than 15 words. Detailed legends may then follow, but they should be concise.

8) There are some repetitions throughout the manuscript. Please correct.
Best regards,
Jean-de-Dieu Tamokou, Ph.D

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**
I declare that I have no competing interests.