

Review of: "Phytochemical Contents, GC-MS Analysis and Hepatoprotective Effect of the Methanol Leaf Extract of *Camelliasinensis* (L.) Kuntze on Paracetamol-Induced Liver Injury in Wistar Rats"

Naglaa Mohamed

Potential competing interests: No potential competing interests to declare.

This manuscript published after major revision

This manuscript needs some corrections as follows:

Page 1

- Title: change to Hepatoprotective Effect of the Methanol Leaf Extract of *Camellia sinensis* (L.) Kuntze on Paracetamol Induced Liver Injury in Wistar Rats.
- Abstract: Line no. 11, this present study correction is the present study

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1. Introduction:

- Indicate the importance of studying the protective effect of the extract on liver function; however, you can study other organs such as the heart, brainet
- Line no. 17: antioxidants, anticancer, antidiabetic, and analgesic. This sentence needs to → add reference.
- Line no. 18: extract of *C.sinensis* correction is of *C. sinensis*

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2. Materials and methods:

2.1. Collection ..., Line no. 7: attaches the certificate of identification of *C.sinensis* which was collected from Mambila Beverages Ltd in Taraba state.

2.2. Preparationline no. 13: add reference

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2.3. preliminary... , Line no. 2: extractusing correction is extract using, standard procedure???? What is ?, the authors must add reference of this method.

2.4. GC-MS-- ,line no. 8& 9: 250C , 300C , 300Ccorrection is 250°C& 300 °C, 300°C, respectively, line no. 10: 50C, 250C

correction is 50°C, 250°C, respectively.

2.5. Line no. 27: ref. Ukwubile et al., 2024 correction is Ukwubile & Makinde, 2024).

2.6. Line no. 30: avocado methanol seed extract??? Indicate avocado or *C.sinensis* ????

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- Line no. 9: ref. Ukwubile et al., 2024 correction is Ukwubile & Makinde, 2024).

2.7. Line no. 12: indicate age of rats , line no. 14: local and international ethical, indicate name and no. of approved ethical committee of this study.

2.8. Line no. 17: OECD guideline 452?? This guideline no. for chronic toxicity studies over 12 months, not for acute toxicity????? So what is the correct guideline used in this study???

- Line no. 22: ref. Ukwubile et al., 2024 correction is Ukwubile & Makinde, 2024).

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- Table 1: group I dose 10mg /Kg of what??
- Dose of disease 200mg/Kg, add reference for this dose
- Groups IV&V doses 200 & 400 mg/Kg according to add reference

2.10. Line no. 8: Are these their appropriate kits? Indicate manufacturer bycompany,

2.11. Line no. 12: Add a reference.

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- Table 4. Effects of *C.sinensis* methanol leaf extract on biochemical parameters of rats, correction is Effects of *C.sinensis* methanol leaf extract on some biochemical parameters of different rats groups. Indicate units of each parameter Na⁺, Cl⁻,.... (Note: "group" was changed to "groups" to agree with "different.")

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- Table 5: Effects of *C.sinensis* methanol leaf extract on liver function biomarkers of rats, correction is 5: Effects of *C.sinensis* methanol leaf extract on tested liver function biomarkers of different rats groups.

3.4. Histopathological examinations of the liver of rats, correction is Histopathological examinations of liver sections of different rats groups. Or Histological study

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- Fig.3: Photomicrographs of liver sections at various doses....., correction is Fig.3: Light photomicrographs of liver sections of studied rats (H&EX400)
- The spherical shape change to arrow, not ○ add arrow →
- Line 8 (Mohammed Golam Rasul, 2018), correction is (Rasul, 2018).

- In photo, par 100um, correction is 100μm

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- Line no. 27: amino phosphatase (ALP), correction is alkaline phosphatase (ALP).

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- Line no. 18: Mohammed Golam Rasul (2018), correction is Rasul M.G. (2018), Extraction, isolation

Please, indicate the GC-Mass analysis of stembarks of *C. sinensis*? As mentioned in the materials and methods, part 2.2: preparation of plant material and extraction

Rating for this manuscript is 3/5

Prof. Dr. Naglaa Elshahat Mohamed