

Review of: "Toxicological evaluation of aqueous extracts of *Clematis hirsuta* and *Rhamnus prinoides*"

Babalola Aponjolosun¹

¹ Ajayi Crowther University

Potential competing interests: No potential competing interests to declare.

Title

Clematis hirsuta and *Rhamnus prinoides* should be italicized.

Abstract

Methodology and data of results are missing.

Background

The references 1, 2, 3, 4 should be reordered as 4, 1, 3, 2 in the reference section.

The references 5, 6, 7, 8 should be reordered as 7, 5, 8, 6 or 7, 8, 5, 6.

The references 12, 13, 14 should be reordered as 14, 12, 13.

"These studies demonstrate that, contrary to popular belief, not all traditional medicines are safe for consumption, emphasizing the importance of toxicological research."

Recast the above statement.

The references 18, 19 should be reordered as 19, 18.

"...pet ether extract of *C. hirsuta*..."

Put a space before *C*.

"*C. hirsuta*'s ability to inhibit various disease-causing pathogens..."

Write the *C*. in full.

The references 20, 21, 22, 23, 24 should be reordered as 23, 21, 20, 22, 24 or 23, 21, 20, 24, 22.

The references 25, 26 should be reordered as 26, 25.

The references 26, 27, 28, 29, 30 should be reordered as 29, 30, 28, 27, 26.

The references 27, 28 should be reordered as 28, 27.

The references 26, 31, 32, 33 should be reordered as 31, 33, 32, 26.

Methods

“...for ethical approval.REF FVM...”

Put a column or semi-column after approval.

Medicinal plant collection and identification

“After that, the specimens were identified...”

Delete after that

Preparation of medicinal plant extracts

“...the plant material was pulverized...”

Should be Plant materials were....

“...was freeze-dried (Mondulyo-UK) and stored...”

Delete (Mondulyo-UK)

Acute toxicity

Clarity on the animal grouping and doses may be needed. The last statement may be recast.

RESULTS

Acute toxicity

You may recast the titles of Figures 1 and 2. The botanical names should be written in full.

Subacute toxicity

“...the second week of treatment. Figure 4A.”

Should be ...treatment (Figure 4A).

“...respectively). Figure 4A. *C. hirsuta*...”

Should be respectively) (Figure 4A). *Clematis hirsuta*...

“...and 225mg/kg respectively). Figure 4A.

Should be respectively) (Figure 4A).

You may recast the titles of Figures 3 and 4. The botanical names should be written in full.

“...treatment. Figure 4B. (Week 1, $p=0.01$, and Week 2, $p<0.0001$).

Should be treatment (Week 1, $p=0.01$, and Week 2, $p<0.0001$) (Figure 4B).

“...treatment. Figure 4B. ($p=0.0490$,... respectively).”

Should be treatment ($p=0.0490$,... respectively) (Figure 4B).

Hematological values

“...hemoglobin concentration. (Table 1).

Should be hemoglobin concentration (Table 1).

“...untreated (control) rats. (Table 1).

Should be untreated (control) rats (Table 1).

Biochemical values

“...untreated (control) rats. (Table 2).

Should be untreated (control) rats (Table 2).

Discussion

“...Because this may be the first study on the toxicology of *Clematis hirsuta*, it may be important...”

Recast as; This may be the first study on the toxicology of *Clematis hirsuta*, therefore, it may be important...

The references 47, 48, 49 should be reordered as 48, 47, 49

Conflicts of interest

The author(s) declare....

Better as; The authors declare...

Acknowledgments

“...the collection of the plant as...”

Better as;the collection of the plants as...

Thank you.

