

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"

Masuma Akter¹

¹ Primeasia University

Potential competing interests: No potential competing interests to declare.

1. The writers noted that "Local and international ethical guidelines for the use of these animals were strictly followed, but it should be appropriate to provide the "Ethical reference number that was taken for the studies. You can obtain it from the Ethical Committee of your University. As far as I know, every University has an Ethical Committee that provides us the Ethical Reference number before starting the research, and for this, you should fill out a form according to the requirements of the University Ethical Committee.
2. In the 2.6 section, the author described that rutin was used as the standard and the result obtained for TFC was expressed as mg rutin equivalent per gram of the sample. On the contrary, in the 3.3 section, the author provides information that the total flavonoid content (TFC) was 802.01 mg QE/g obtained from quercetin; which one is standard for TFC, quercetin or rutin? Kindly correct it. If you used rutin as the standard, then mention it in the results section as well.
3. The research includes the study of hepatoprotective activities against paracetamol-induced liver toxicity, but in 2.9, a disease control is used. Why? Did you cause liver damage or an illness for this study? Please make revisions.
4. It is recommended that authors incorporate into their statistical analysis the impact of the extract when compared not only to the control group but also to silymarin.
5. The author states that "presence of high amount of phenolic and flavonoids as well as other metabolites responsible for the observed biological activity in this study" is insufficient to support the claims; the authors shouldn't be overly certain.