**September 29th 2021**

Dear Dr. Miftahul Ilmi,

I am pleased to submit our manuscript entitled “The Protective Effect of *Gynura procumbens* Adventitious Root against Lead Acetate Toxicity in Mice” by Sugiharto, Dwi Winarni, Ufairanisa Islamatasya, Abdul Hakim Muhsyi, Ahimsa Buena Merpati, and Yosephine Sri Wulan Manuhara for consideration as a *Journal of Tropical Biodiversity and Biotechnology* research article.

In this manuscript, we show that treatment of adventitious root methanol extract of G. procumbens could prevent a decrease in the number of RBC, HGB levels, SOD activity, and the percentage of normal hepatic cells. It was also known, G. procumbens could prevent increased AST levels, ALT levels, and the percentages of swollen and hepatic necrosis cells due to lead acetate treatment. The effective dose of G. procumbens adventitious root extract was 300 mg/L

We believe that our paper is appropriate for publication by *Journal of Tropical Biodiversity and Biotechnology* because is **Utilisation of tropical organisms in biotechnology. Our study aimed to evaluate the protective effect of *G. procumbens* adventitious root against lead acetate toxicity in mice to determine RBC, HGB, AST levels, ALT levels, SOD activity, and histology of hepatic cells.**

This manuscript has not been published before and is not being considered for publication elsewhere. We have no conflicts of interest to disclose

Thank you for your consideration. Sincerely,

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