

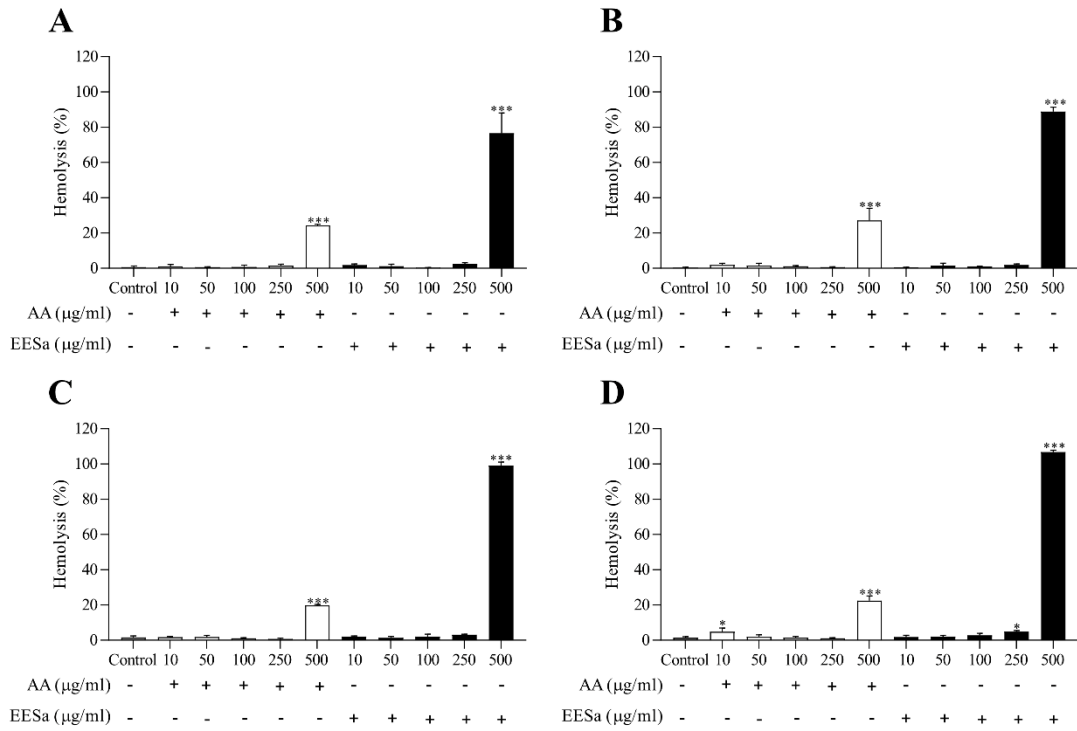
# Oxidative Stress Modulation and Antileishmanial Activity of *Salvinia auriculata*

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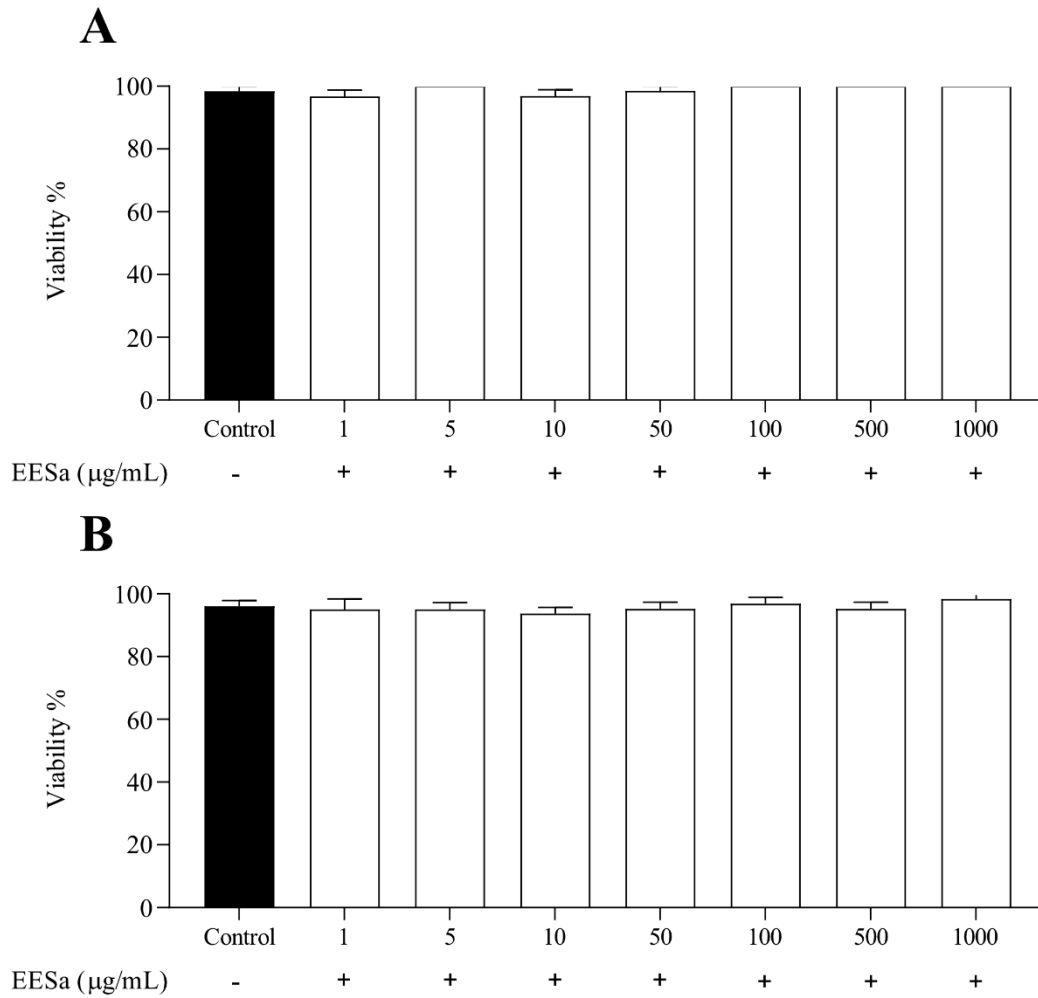
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**Figure S1.** Hemolytic assay, effect of varied concentrations (10 - 500 µg/mL) of Ethanolic Extract of *Salvinia auriculata* (EESa) and Ascorbic Acid (AA) at different incubation intervals [(A) 1 hour, (B) 2 hours, (C) 3 hours, (D) 4 hours]. The results are presented as the mean ± Standard Error of the Mean (SEM) from two independent experiments conducted in triplicate. \*\*\*, \*\*, \* represent statistically significant results ( $P < 0.1$ ;  $P < 0.05$ ;  $P < 0.01$ , respectively) when comparing groups treated with EESa or AA to the control group. Control represents saline control, where erythrocytes were incubated only with 0.9% NaCl solution.



**Figure S2.** Toxicity assessment in the *C. elegans* model. Viability of *C. elegans* (%) following exposure to M9 medium (Control) and various concentrations of EESa (1–1000 µg/mL) after 24 hours (A) and 48 hours (B) of incubation. Data are presented as mean  $\pm$  SEM from two independent experiments, each conducted in triplicate.