Supplementary materials

Antioxidant and hepatoprotective effects of *Solanum villosum* leaf extracts against acetaminophen-induced mouse model of hepatotoxicity

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Supplementary Table 1. Effects of SVE on RBCs and related parameters.

Parameters	Control	ACP	ACP+Sily	ACP+SVE30	ACP+SVE 100	ACP+SVE 300	ACP+SVE 500
RBC (10^3 L)	8.01±0.37^a	7.49±0.69^a	8.08±0.17^a	7.49±0.42^a	7.87±0.77^a	7.26±0.44^a	7.10±0.31^a
HGB (10^3µL)	13.32±0.73^a	11.62±0.94^a	12.00±0.14^a	11.32±0.69^a	11.97±0.33^a	10.85±0.36^a	11.13±0.69^a
RDW (g/dL)	18.92±0.32^a	18.88±0.40^a	19.20±0.30^a	18.90±0.72^a	18.94±0.32^a	21.16±0.18^a	19.25±0.53^a
MCH (ρ)	16.08±0.55^a	15.60±0.23^a	14.80±0.31^a	14.93±0.33^a	15.32±0.43^a	15.12±0.45^a	15.51±0.35^a
MCHC (%)	34.92±0.52^a	35.64±0.49^a	33.54±0.49^a	35.00±0.37^a	34.88±0.42^a	34.64±0.37^a	35.39±0.65^a
MCV (fl)	45.84±1.33^a	43.60±0.98^a	44.40±1.04^a	43.12±1.07^a	43.90±1.35^a	43.55±1.20^a	43.64±0.07^a

Groups are Control, ACP (acetaminophen 300 mg/kg), ACP+Sily (25 mg/kg bw), ACP+SVE 30 mg/kg, ACP+SVE100 mg/kg, ACP+SVE300 mg/kg, and ACP+SVE500 mg/kg. Values are reported as mean ± standard error of mean (SEM) for five mice. Means with same superscript letters are statistically insignificant by ANOVA and Tukey's post hoc test across the table at 95% (P≤0.05). *S. villosum* leaf MeOH extract (SVE), Bw=body weight; RBC= red blood cells; HGB= hemoglobin; RDW=red cell distribution width; MCH= mean corpuscular hemoglobin; MCHC= mean corpuscular hemoglobin concentration; MCV= mean corpuscular volume.

Supplementary Table 2. Effect of SVE on platelets and related parameters.

Parameters	Control	ACP	ACP+Sily	ACP+SVE30	ACP+SVE 100	ACP+SVE 300	ACP+SVE 500
PLT (10^3µl)	1145.53±65.02^{a*}	779.40±60.70^{b*}	875.60±27.39^b	709.60±24.23^b	747.60±36.27^b	744.20±23.48^b	830.90±24.22^b
MPV	5.71±0.71^a	5.76±0.05^a	5.58±0.17^a	5.52±0.12^a	5.68±0.20^a	5.65±0.19^a	5.51±0.13^a
PCT	0.75±0.12^{a*}	0.45±0.04^{b*}	0.49±0.01^b	0.35±0.04^b	0.42±0.02^b	0.45±0.01^b	0.42±0.02^b
PDW	12.36±0.61^a	13.98±0.71^a	12.88±0.58^a	13.44±0.80^a	13.62±0.63^a	13.73±0.89^a	11.95±0.37^a
PLCR	2.73±0.29^a	4.02±0.54^a	3.18±0.51^a	3.18±0.20^a	3.70±0.49^a	4.35±0.49^a	3.17±0.46^a

Groups are Control, ACP (acetaminophen 300 mg/kg), ACP+Sily (25 mg/kg bw), ACP+SVE 30 mg/kg, ACP+SVE100 mg/kg, ACP+SVE300 mg/kg, and ACP+SVE500 mg/kg. Values are reported as mean ± SEM for five mice. Means with different superscript letters are statistically significant by ANOVA and Tukey's post hoc test across the table at 95% (P≤0.05). *S. villosum* leaf MeOH extract (SVE), PLT= platelet count; MPV= mean platelet volume; PCT= plateletcrit; PDW= platelet distribution width and PLCR= platelet large cell ratio.