Supplementary material

Assessment of the toxicity of aluminum oxide and its nanoparticles in bone marrow and liver of male mice: Ameliorative efficacy of curcumin nanoparticles

Alshaimaa A. I. Alghriany[1], Hossam EL-din M. Omar[2], Amera M. Mahmoud[2], and Mona M. Atia[1,*]

[1]Laboratory of Molecular Cell Biology; Department of Zoology, Faculty of Science, Assiut University, Egypt

[2]Laboratory of Physiology, Department of Zoology, Faculty of Science, Assiut University, Egypt

***Corresponding author:** Mona M. Atia

Laboratory of Molecular Cell Biology, Department of Zoology, Faculty of Science, Assiut University, Assiut 71516, Egypt; Tel. +201061996606; E-mail: monatia@aun.edu.eg

Table (S1): Effect of Al_2O_3, Al_2O_3NPs, N.Cur. on plasma activities of liver functions, AST, and ALT in male mice

	Control	Al_2O_3		Al_2O_3NPs		Al_2O_3+N.Cur.		Al_2O_3NPs+N.Cur	
	Mean ± SE	Mean± SE	% of change	Mean± SE	% of change	Mean± SE	% of change	Mean± SE	% of change
AST (U/L)	31.04 ± 3.017	46.85 ↑ ± 2.281**	50.9 %	64.45 ↑ ± 1.457*	107.6%	36.48 ↓± 2.021	17.5%	57↓± 1.155**	83.6%
ALT (U/L)	18.52 ± 1.092	29.70 ↑ ± 1.155*	60.4 %	40.35 ↑ ±0.8578*	117.9%	22.72↓ ± 2.031	22.7%	33.05 ↓ ±1.518*	78.4%

Data are represented as mean ± SE. Number of rats (n)= 5. *= significant difference from control at $P<0.05$, **= significant difference from control at $P<0.01$.