Supplementary Data to

Protective effects of extracts of lichen Dirinaria consimilis (Stirton) D.D. Awasthi in bifenthrin- and diazinon-induced oxidative stress in rat erythrocytes *in vitro*

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Results

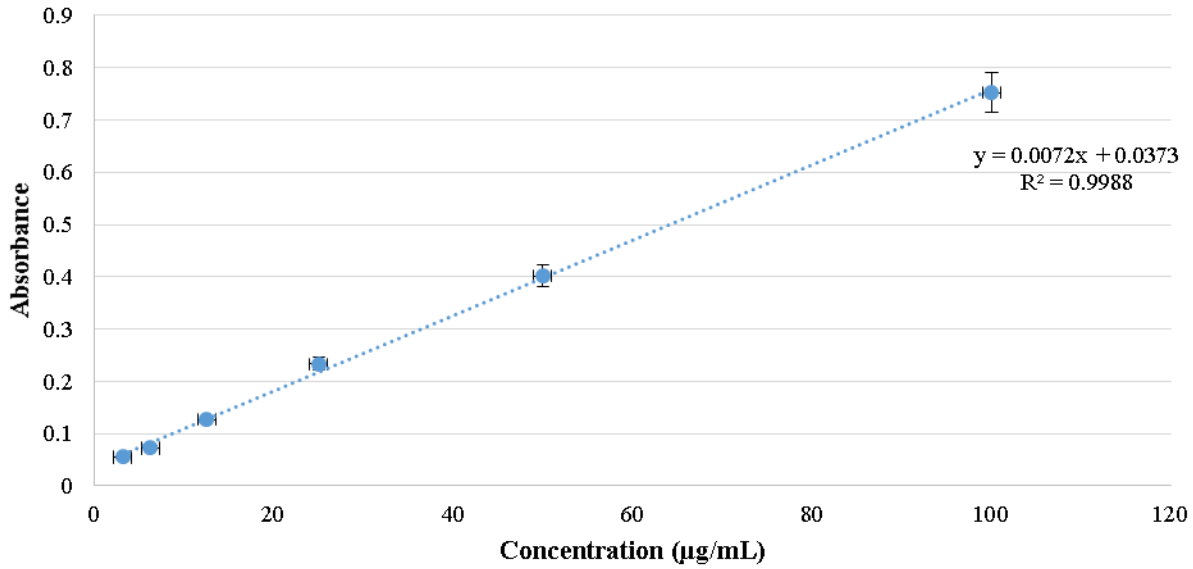

Fig. S1: Total flavonoid content for standard quercetin (R^2, n=3)

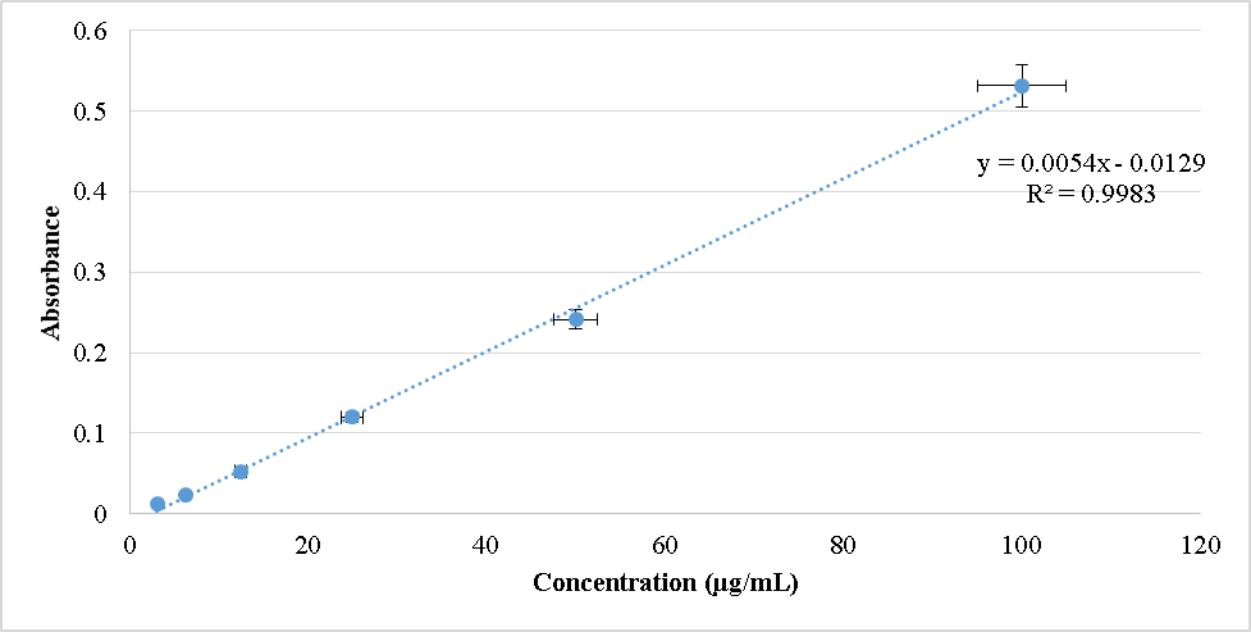

Fig. S2: Total phenolic content for standard gallic acid (R^2, n=3)

Table 1S: Percentage inhibition of extracts of *Dirinaria consimilis* against DPPH, ABTS, and Superoxide free radicals

Sample	Percentage of inhibition (%) at different concentrations			
	50 µg/mL	100 µg/mL	150 µg/mL	200 µg/mL
DPPH assay				
DA	34.29±4.96	60.14±3.29	77.56±2.11	82.76±4.70
DM	28.12±2.33	52.97±3.45	62.09±2.69	71.82±2.80
Ascorbic Acid*	43.72±5.75	66.99±3.64	74.15±3.29	92.86±2.38
ABTS assay				
DA	34.33±1.74	55.12±2.10	72.94±4.38	89.54±2.75
DM	31.80±1.85	58.31±1.48	69.17±2.39	76.83±4.01
Ascorbic Acid*	44.11±2.33	64.28±2.15	76.48±3.46	89.35±0.15
Superoxide assay				
DA	28.86±2.53	53.74±2.20	68.94±1.76	84.26±3.44
DM	25.32±2.47	50.22±1.26	66.04±2.34	75.60±2.26
Ascorbic Acid*	45.74±0.68	56.17±0.71	76.00±0.74	93.10±0.64

*n=3; Mean±SD; *25, 50, 75 and 100 µg/mL concentration*

Table S2: Changes in the activities of the antioxidant enzymes in rats′ erythrocytes of the treated groups in relation to control (expressed as a percentage).

Groups	**Changes as a percentage of control**	
	SOD	**CAT**
Bifenthrin	39.81±1.24	46.23±0.47
Bifenthrin+DA	12.94±0.44	6.72±0.14
Bifenthrin+DM	24.06±1.41	20.16±0.85
Diazinon	44.44±1.41	51.61±1.74
Diazinon+DA	5.56±0.21	1.88±0.31
Diazinon+DM	6.47±0.21	12.36±0.24

n = 3; mean ± SD