Table 2. Suppressive effects of green tea and ginger extracts on malathion induced genotoxicity in mouse bone marrow cells

Groups	Mitotic index*		Incidence of aberrant cells*		Number of aberrations/cell*		Suppression (%)	
	24 hr.	48 hr.	24 hr.	48 hr.	24 hr.	48 hr.	24 hr.	48 hr.
Gr.I	90.25 ± 0.547	92.02 ± 1.025	11.80 ± 1.068	12.75 ± 1.043	0.132 ± 0.018	0.130 ± 0.016	---	---
Gr.II	84.27 ± 0.689	86.58 ± 0.793	18.50 ± 1.258	16.25 ± 0.957	0.160 ± 0.014	0.148 ± 0.018	---	---
Gr.III	87.58 ± 0.458	88.24 ± 0.635	18.71 ± 2.872	14.82 ± 1.320	0.148 ± 0.035	0.120 ± 0.033	---	---
Gr.IV	49.85 ± 1.045 [a]	56.93 ± 0.729 [a]	38.80 ± 1.241 [a]	35.20 ± 0.663 [a]	0.504 ± 0.051 [a]	0.376 ± 0.028 [a]	---	---
Gr.V	70.19 ± 0.670 [b]	74.11 ± 0.586 [b]	30.80 ± 1.113 [b]	26.80 ± 1.020 [b]	0.328 ± 0.025 [b]	0.268 ± 0.041 [b]	20.62	23.86
Gr.VI	66.25 ± 0.567 [b]	68.03 ± 0.378 [b]	29.20 ± 0.583 [b]	27.20 ± 0.917 [b]	0.368 ± 0.022 [b]	0.336 ± 0.021 [b]	24.74	22.73
Gr.VII	66.33 ± 0.658 [b]	70.94 ± 0.719 [b]	30.40 ± 0.927 [b]	25.80 ± 0.735 [b]	0.336 ± 0.017 [b]	0.220 ± 0.019 [b]	21.65	26.70

***** Values represent mean ± SE of five animals.

[a] Significantly different from untreated control (Gr.I) and treated controls (Gr.II and Gr.III) $P < 0.01$.

[b] Significantly different from positive control (Gr.IV) $P < 0.01$

Gr.I = Negative control Gr.II = Tea control Gr.III = Ginger control Gr.IV = Malathion positive control

Gr.V = Tea + malathion Gr.VI = Ginger + malathion Gr.VII = Tea + ginger + malathion