

**Table 3** Bone marrow cell immunophenotyping in female B<sub>6</sub>C<sub>3</sub>F<sub>1</sub>/N mice exposed to STD in the drinking water for 28 days

Treatment	Cells/ Femur	B220 <sup>+</sup>	CD3 <sup>+</sup>	Gr-1 <sup>+</sup> (Int)	Gr-1 <sup>+</sup> (High)	Gr-1 <sup>+</sup> (Total)	CD11b <sup>+</sup>	TER-119 <sup>+</sup>
<u>Absolute Values (x10<sup>6</sup>)</u>								
Vehicle	7.47 ± 0.61	1.5 ± 0.1	0.1 ± 0.1	0.9 ± 0.1	2.6 ± 0.2	3.5 ± 0.3	3.3 ± 0.2	2.2 ± 0.2
STD								
125 mg/L	8.82 ± 0.52	1.7 ± 0.2	0.1 ± 0.1	1.0 ± 0.1	3.2 ± 0.2	4.1 ± 0.2	3.8 ± 0.2	2.5 ± 0.2
250 mg/L	9.44 ± 0.68	2.0 ± 0.2	0.1 ± 0.1	1.1 ± 0.1	3.2 ± 0.2	4.2 ± 0.2	3.9 ± 0.2	2.8 ± 0.2
500 mg/L	8.60 ± 0.64	1.8 ± 0.1	0.1 ± 0.1	1.0 ± 0.1	2.7 ± 0.3	3.7 ± 0.3	3.5 ± 0.3	2.7 ± 0.2
1000 mg/L	7.25 ± 0.64	1.7 ± 0.2	0.1 ± 0.1	0.8 ± 0.1	2.4 ± 0.2	3.2 ± 0.2	3.1 ± 0.3	2.1 ± 0.2
2000 mg/L	10.57 ± 1.01	2.3 ± 0.3	<b>0.2 ± 0.1*</b>	1.1 ± 0.1	3.5 ± 0.3	4.6 ± 0.4	4.5 ± 0.4	3.3 ± 0.3
CPS (50 mg/kg)	4.07 ± 0.44**	0.1 ± 0.1**	0.1 ± 0.1**	0.1 ± 0.1**	0.1 ± 0.1**	0.2 ± 0.1**	0.2 ± 0.1**	3.6 ± 0.4**
Trend Analysis	NS	p ≤ 0.05	p ≤ 0.05	NS	NS	NS	NS	NS
<u>Percent Values</u>								
Vehicle		20.1 ± 0.8	1.3 ± 0.1	11.4 ± 0.3	34.8 ± 1.0	46.1 ± 1.2	43.9 ± 1.0	29.3 ± 0.8
STD								
125 mg/L		18.9 ± 1.8	1.5 ± 0.2	11.4 ± 0.3	35.9 ± 1.3	47.2 ± 1.5	43.4 ± 1.6	28.6 ± 1.9
250 mg/L		20.6 ± 1.1	1.4 ± 0.1	11.3 ± 0.4	34.3 ± 1.3	45.5 ± 1.5	41.2 ± 1.2	29.5 ± 1.0
500 mg/L		21.5 ± 1.0	1.5 ± 0.1	11.5 ± 0.2	31.2 ± 1.0	42.6 ± 1.0	40.5 ± 0.9	31.7 ± 0.6
1000 mg/L		23.7 ± 0.9	1.5 ± 0.1	11.4 ± 0.2	32.9 ± 1.3	44.2 ± 1.4	42.5 ± 0.9	29.1 ± 1.0
2000 mg/L		21.2 ± 1.2	1.5 ± 0.1	10.7 ± 0.3	32.9 ± 1.2	43.6 ± 1.3	42.7 ± 0.8	31.7 ± 1.1
CPS (50 mg/kg)		1.4 ± 0.1**	1.3 ± 0.1	2.6 ± 0.2**	2.7 ± 0.3**	5.3 ± 0.4**	4.5 ± 0.4**	88.1 ± 0.5**
Trend Analysis		p ≤ 0.05	NS	NS	p ≤ 0.05	p ≤ 0.05	NS	NS

B220<sup>+</sup> = B-lymphocyte lineage, CD3<sup>+</sup> = T-lymphocyte lineage, Gr-1<sup>+</sup> (Int) = Neutrophils, myelocytes and other immature progenitors, Gr-1<sup>+</sup> (High) = Neutrophils, Gr-1<sup>+</sup> (Total) = Total Gr-1<sup>+</sup> cells, CD11b<sup>+</sup> = Granulocytes and monocytes, TER-119<sup>+</sup> = Erythroid lineage,

STD = Sodium Tungstate Dihydrate, CPS = Cyclophosphamide (positive control)

Values represent the mean (± SE) from 8 animals/group; \*p ≤ 0.05; \*\*p ≤ 0.01 NS = Not significant