

Table 1

Cell size, nucleo-cytoplasmic ratio (NCR) and percentage of condensed nucleus cells in root meristem cells of *Allium cepa* after SPL treatments.

Exposure time (h)	SPL (%)	Cell size (μm^2)	Nucleo-cytoplasmic ratio (NCR)	Condensed nucleus (%)
4	0	456.07 \pm 43.09 a*	44.62 \pm 8.85 a	12.75 \pm 4.48 a
	10	489.00 \pm 58.61 a	34.56 \pm 2.70 c	25.85 \pm 3.48 b
	25	501.82 \pm 55.11 a	38.00 \pm 3.45 b	44.49 \pm 2.24 d
8	0	440.57 \pm 73.12 a	36.73 \pm 6.76 b	15.25 \pm 5.98 a
	10	452.74 \pm 74.04 a	31.89 \pm 2.62 c	34.53 \pm 2.31 c
	25	479.19 \pm 64.02 a	30.41 \pm 3.24 c	53.11 \pm 3.83 e
12	0	443.19 \pm 39.36 a	48.36 \pm 14.04 a	12.90 \pm 2.46 a
	10	456.18 \pm 70.63 a	40.01 \pm 7.61 b	36.97 \pm 2.30 c
	25	473.50 \pm 65.03 a	30.08 \pm 2.14 c	54.35 \pm 2.50 e
24	0	456.67 \pm 79.47 a	45.47 \pm 2.23 a	15.78 \pm 3.78 a
	10	447.49 \pm 65.12 a	34.42 \pm 7.13 c	35.91 \pm 3.78 c
	25	492.00 \pm 65.03 a	29.17 \pm 2.37 c	64.13 \pm 2.98 f
36	0	500.91 \pm 78.98 a	39.84 \pm 6.63 b	14.18 \pm 1.43 a
	10	494.80 \pm 52.11 a	38.19 \pm 2.59 b	39.83 \pm 0.79 c
	25	501.71 \pm 71.17 a	21.19 \pm 4.03 d	73.64 \pm 2.88 g

Data presented as mean \pm SD from four replicates obtained from 6000 to 8000 cells.
 *There is no statistical difference ($p < 0.05$) between means followed by the same letter from SPL treatments.