

Supplementary data for the article:

Mitic-Culafic, D.; Nikolic, B.; Simin, N.; Jasnic, N.; Cetojevic-Simin, D.; Krstic, M.; Knezevic-Vukcevic, J. Effect of *Allium Flavum* L. and *Allium Melanatherum* Pan. Extracts on Oxidative DNA Damage and Antioxidative Enzymes Superoxide Dismutase and Catalase. *Plant Food Hum. Nutr.* **2016**, *71* (1), 28–34. <https://doi.org/10.1007/s11130-015-0519-0>

Supplementary Table 3 The effect of *Allium* extracts on viability and genotoxicity in MRC-5 cells

Conc. ($\mu\text{g mL}^{-1}$)	Cell growth (%)		Conc. ($\mu\text{g mL}^{-1}$)	Genotoxicity (% of DNA in comet tail)	
	<i>A. flavum</i>	<i>A. melanatherum</i>		<i>A. flavum</i>	<i>A. melanatherum</i>
62.5	83.43 \pm 3.59*	96.13 \pm 0.96	0	7	7
125	37.78 \pm 3.50*	93.22 \pm 0.72	<i>t</i> -BOOH	45*	45*
250	13.55 \pm 1.78*	82.49 \pm 2.98*	15	8	9
500	6.78 \pm 0.63*	15.30 \pm 1.67*	20	10*	12*
1000	7.45 \pm 0.54*	8.07 \pm 0.88*	40	14*	18*
			60	28*	20*
IC₅₀	106 \pm 12.88	347 \pm 47.41	non-genotoxic concentration: 15 $\mu\text{g mL}^{-1}$		

The results are presented as **the means \pm standard errors**, obtained from two independent experiments, performed in eight wells per treatment point. *t*-test, * $p < 0.05$ corresponding to solvent control, *t*-BOOH was used as a positive control in comet assay