

**Table S1:** Flow cytometric analysis of HepG2, Huh7 and Hep3B cell lines incubated for 24 and 48 h with different doses of the phenolic extract in the presence or absence of TNF $\alpha$ . The results are representative of three experiments. Data are presented as mean  $\pm$  SD. (a  $p<0,05$ , b  $p<0,01$ , c  $p<0,001$  vs Co; d  $p<0,05$ , e  $p<0,01$ ).

		24 h			48 h	
HepG2	G0/G1	S	G2/M	G0/G1	S	G2/M
Co	50.71 $\pm$ 1.44	21.53 $\pm$ 2.67	27.76 $\pm$ 1.24	50.86 $\pm$ 2.00	16.13 $\pm$ 1.01	30.90 $\pm$ 1.24
TNF $\alpha$	49.89 $\pm$ 1.95	21.90 $\pm$ 1.98	28.21 $\pm$ 3.93	51.55 $\pm$ 0.52	16.25 $\pm$ 0.92	32.20 $\pm$ 0.43
EVOO1	49.61 $\pm$ 2.45	22.33 $\pm$ 0.29	28.06 $\pm$ 2.61	51.64 $\pm$ 1.18	17.46 $\pm$ 2.06	30.90 $\pm$ 1.24
TNF $\alpha$ /EVOO1	50.27 $\pm$ 0.67	18.94 $\pm$ 0.50 <sup>c</sup>	30.80 $\pm$ 0.77 <sup>a</sup>	56.12 $\pm$ 2.46 <sup>a,d</sup>	14.86 $\pm$ 0.81	29.02 $\pm$ 1.83
EVOO2	47.43 $\pm$ 1.23 <sup>a</sup>	15.85 $\pm$ 0.98 <sup>a</sup>	36.73 $\pm$ 2.16 <sup>b</sup>	56.33 $\pm$ 1.44 <sup>a</sup>	12.33 $\pm$ 1.36 <sup>a</sup>	31.34 $\pm$ 2.80
TNF $\alpha$ /EVOO2	50.29 $\pm$ 0.52 <sup>d</sup>	11.53 $\pm$ 0.46 <sup>c,e</sup>	38.15 $\pm$ 0.07 <sup>c</sup>	57.05 $\pm$ 0.90 <sup>a</sup>	12.86 $\pm$ 0.67 <sup>b</sup>	30.09 $\pm$ 1.51
Huh7	G0/G1	S	G2/M	G0/G1	S	G2/M
Co	43.63 $\pm$ 1.71	17.00 $\pm$ 0.39	39.36 $\pm$ 1.79	48.06 $\pm$ 0.19	11.17 $\pm$ 1.04	40.77 $\pm$ 1.22
TNF $\alpha$	46.33 $\pm$ 0.72	14.62 $\pm$ 1.09 <sup>a</sup>	39.08 $\pm$ 1.53	49.31 $\pm$ 0.94	10.71 $\pm$ 0.26	39.98 $\pm$ 0.98
EVOO1	45.63 $\pm$ 1.07	13.29 $\pm$ 0.85 <sup>b</sup>	41.50 $\pm$ 1.52	43.93 $\pm$ 1.25 <sup>b</sup>	12.75 $\pm$ 1.93	43.33 $\pm$ 2.09
TNF $\alpha$ /EVOO1	49.03 $\pm$ 0.36 <sup>b,e</sup>	11.70 $\pm$ 0.91 <sup>c</sup>	39.26 $\pm$ 0.69	44.42 $\pm$ 0.69 <sup>c</sup>	12.91 $\pm$ 1.38	42.67 $\pm$ 0.71
EVOO2	40.70 $\pm$ 1.10	18.65 $\pm$ 1.45	40.66 $\pm$ 2.28	36.92 $\pm$ 1.44 <sup>c</sup>	19.21 $\pm$ 0.29 <sup>c</sup>	43.97 $\pm$ 1.68
TNF $\alpha$ /EVOO2	37.49 $\pm$ 4.25	18.75 $\pm$ 1.65 <sup>c</sup>	43.76 $\pm$ 3.01	38.02 $\pm$ 0.49 <sup>c</sup>	21.42 $\pm$ 1.68 <sup>c</sup>	40.56 $\pm$ 1.19 <sup>d</sup>
		24 h			48 h	
Hep3B	G0/G1	S	G2/M	G0/G1	S	G2/M
Co	45.35 $\pm$ 0,54	38.21 $\pm$ 1,45	17.77 $\pm$ 2,4	44.42 $\pm$ 6,61	37.45 $\pm$ 1,58	18.14 $\pm$ 5,89
TNF $\alpha$	44.97 $\pm$ 0,13	37.79 $\pm$ 0,14	17.25 $\pm$ 0,26	46.63 $\pm$ 0,56	34.99 $\pm$ 0,13	18.60 $\pm$ 0,43
EVOO2	47.18 $\pm$ 0,93 <sup>a</sup>	28.74 $\pm$ 0,89 <sup>c</sup>	24.98 $\pm$ 0,75 <sup>a</sup>	36.01 $\pm$ 0,84 <sup>c</sup>	40.92 $\pm$ 2,47	23.07 $\pm$ 1,64 <sup>a</sup>
TNF $\alpha$ /EVOO2	43.73 $\pm$ 2,51	29.89 $\pm$ 0,56	26.40 $\pm$ 1,96	30.74 $\pm$ 0,30 <sup>d</sup>	45.85 $\pm$ 1,85	23.41 $\pm$ 1,56