Supplementary Materials

Table S1. Inhibition of NO production by *Cornus* fruits extracts and fractions.

	IC_{50} (μg/mL)
C. mas	
Fresh fruits	
MF1	30.12 ± 2.26
MF2	32.31 ± 2.33
MF3	25.45 ± 2.56
MF4	32.14 ± 1.83
Dried fruits	
MD1	28.76 ± 2.54
MD2	31.71 ± 1.93
MD3	33.81 ± 1.45
MD4	26.73 ± 1.01
Sign.	****
C. sanguinea	
Fresh fruits	
SF1	31.12 ± 2.22
SF2	28.31 ± 2.87
SF3	30.12 ± 2.32
SF4	27.85 ± 1.36
Dried fruits	
SD1	29.93 ± 2.11
SD2	31.04 ± 2.24
SD3	32.25 ± 1.11
SD4	30.26 ± 2.24
Sign.	****
Enriched-fractions	
MD2(II)	11.79 ± 1.01
MD2(III)	13.59 ± 0.76
SD2(II)	10.24 ± 1.26
SD2(III)	9.19 ± 0.92
Sign.	****

MF: *C. mas* fresh fruits; MD: *C. mas* dried fruits; SF: *C. sanguinea* fresh fruits; SD: *C. sanguinea* dried fruits. 1. Ethanolic maceration; 2. Hydroalcoholic (60%) maceration; 3. Ethanol Soxhlet extraction; 4. Ethanol-ultrasound-assisted extraction. (II): 80% Ethanol fraction; (III): 100% Ethanol fraction. Data are expressed as means ± S.D. (n= 3). Differences within and between groups were evaluated by one-way ANOVA followed by a multicomparison Dunnett's test (α= 0.05): ****p< 0.0001 compared with the negative control (0 μg/mL).

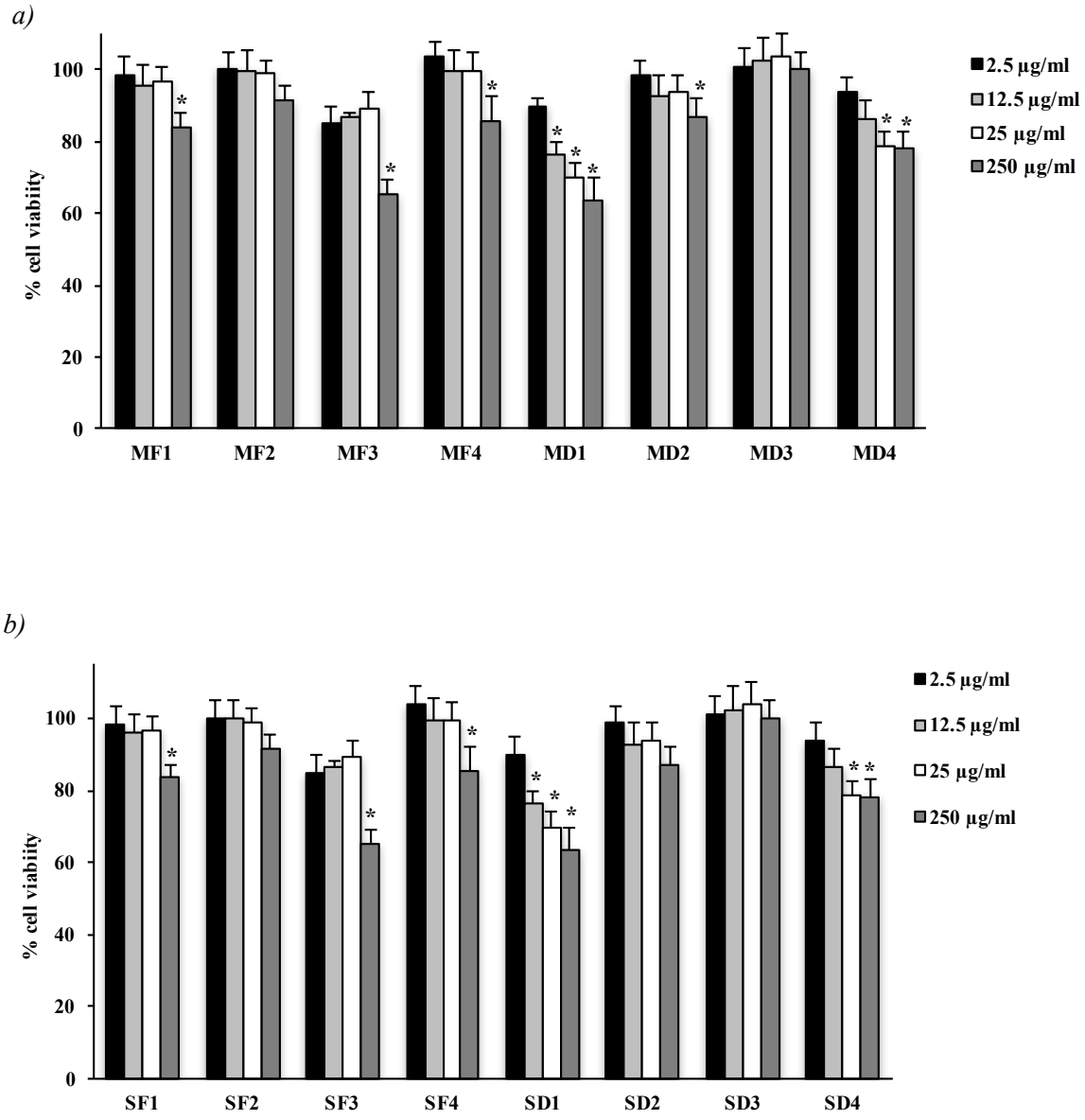

Figure S1. Cell viability of HFF1 cells untreated and treated for 24h with a) *C. mas* (MF1-MF4 and MD1-MD4) and b) *C. sanguinea* (SF1-SF4 and SD1-SD4) fruits at different concentrations (2.5-250 µg/mL) evaluated by MTT assay. Values are the mean ± S.D. of four experiments in triplicate. Control cells were incubated only with medium and considered as 100% of cell viability. *Significant *vs* untreated control cells and *vs* other concentrations of the same extract $p < 0.001$.

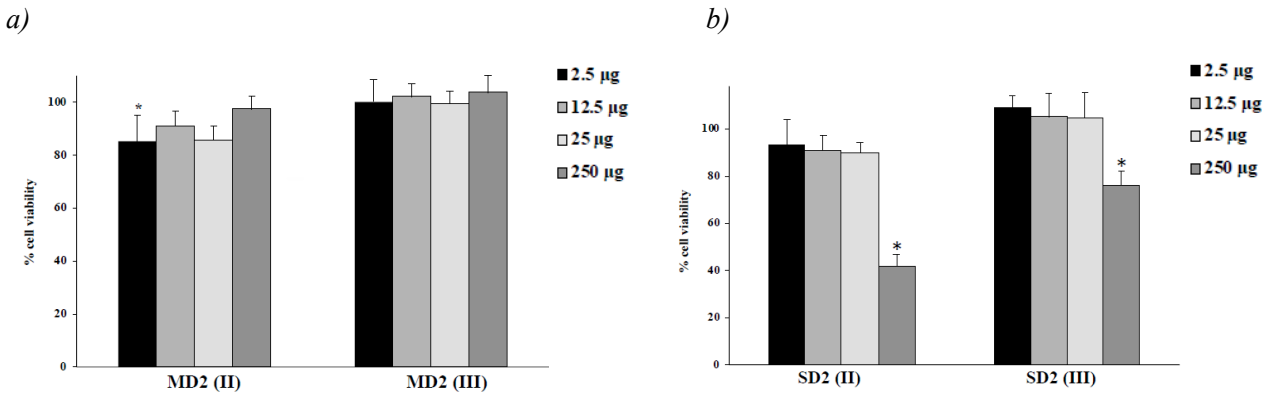

Figure S2. Cell viability of HFF1 cells untreated and treated for 24h with a) *C. mas* fractions and b) *C. sanguinea* fractions at different concentrations (2.5-250 µg/mL) evaluated by MTT assay. Values are the mean ± S.D. of four experiments in triplicate. Control cells were incubated only with medium and considered as 100% of cell viability. *Significant *vs* untreated control cells and *vs* other concentrations of the same extract $p < 0.001$.