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In Vitro Cytotoxic and Antiproliferative Activity of Cydonia oblonga flower petals, leaf and fruit pellet ethanolic extracts. Docking simulation of the active flavonoids on anti-apoptotic protein Bcl-2

Table 1S: The effects of *Cydonia oblonga* extracts (Col40, Cop40 and Cpf40) and corresponding dilution series (5, 10, 25, 50 and 100 µg GAE / mL) on the viability of the four cell lines (L-929, and BT-20, HepG2 and Caco-2).

Cell lines / Tested extract	Percent of cell proliferation and, respectively, percent of cell inhibition face to control samples, relative ratio ± SD(%), and the deviation from the linearity (R^2)					
	5 µg GAE / mL test sample	10 µg GAE / mL test sample	25 µg GAE / mL test sample	50 µg GAE / mL test sample	100 µg GAE / mL test sample	R^2
Cell proliferation results - test vegetal samples *vs.* negative controls						
Murine fibroblasts cell line (L-929)						
FCol40	0 ± 0.06	1 ± 0.38	16 ± 0.70	30 ± 0.72	52 ± 0.78	*0.9728*
FCop40	0 ± 0.00	2 ± 0.71	7 ± 0.47	16 ± 0.50	29 ± 0.45	*0.9936*
FCof40	0 ± 0.11	3 ± 0.96	15 ± 1.01	24 ± 0.80	54 ± 0.80	*0.9910*
Cell inhibition results - test vegetal samples *vs.* positive controls						
Human mammary/breast cancer cell line (BT-20)						
MCol40	0 ± 0.57	4 ± 0.60	16 ± 0.95	30 ± 1.23	54 ± 2.37	*0.9906*
MCop40	0 ± 0.10	2 ± 0.30	5 ± 1.35	10 ± 1.11	19 ± 0.35	*0.9992*
MCof40	0 ± 0.10	1± 0.30	3 ± 1.10	15 ± 0.26	61± 1.39	*0.9514*
Human hepatic cancer cell line (HepG2)						
HCol40	40 ± 1.17	45 ± 0.58	51 ± 0.75	60 ± 0.91	75 ± 1.70	*0.9961*
HCop40	7 ± 1.96	18 ± 0.95	29 ± 0.80	44 ± 1.06	70 ± 1.67	*0.9956*
HCof40	0 ± 0.57	1 ± 0.45	9 ± 0.72	23 ± 0.61	53 ± 1.11	*0.9995*
Human colon cancer cell line (Caco-2)						
CCol40	12 ± 0.61	23 ± 0.72	33 ± 0.72	47 ± 1.00	69 ± 0.68	*0.9923*
CCop40	0 ± 0.11	5 ± 0.68	13 ± 0.37	23 ± 0.55	40 ± 1.13	*0.9926*
CCof40	0 ± 0.10	3 ± 0.65	19 ± 0.77	41 ± 0.95	77 ± 1.44	*0.9937*