

# Methanolic extracts of *D. viscosa* specifically affects cytoskeleton and exerts its antiproliferative effect on human colorectal cancer cell lines, accordingly to their proliferation rate

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**Supplementary Table S1.** *p*-value of the comparison between the treated cells lines shown in **Figure 6**

Treatment	Concentration (µg/mL)	Comparison	<i>p</i> -value
Hexanic extract	60	DLD-1/HT-29	<0.05
Hexanic extract	60	HT-29/SW480	<0.05
Hexanic extract	90	SW480/SW620	<0.05
Hexanic extract	180	DLD-1/SW620	<0.01
Methanolic extract	50	SW480/SW620	<0.0001
Methanolic extract	100	SW480/SW620	<0.05
Methanolic extract	150	HT-29/SW480	<0.01
Methanolic extract	150	SW480/SW620	<0.01
Aqueous extract	400	SW480/SW620	<0.01
Aqueous extract	500	DLD-1/SW620	<0.0001
Aqueous extract	500	HT-29/SW620	<0.0001
Aqueous extract	500	SW480/SW620	<0.0001
Aqueous extract	600	SW480/SW620	<0.01
Aqueous extract	1000	DLD-1/SW480	<0.01
Aqueous extract	1000	DLD-1/SW620	<0.0001
Aqueous extract	1000	HT-29/SW480	<0.0001
Aqueous extract	1000	HT-29/SW620	<0.0001
Aqueous extract	1000	SW480/SW620	<0.01
Aqueous extract	1500	DLD-1/SW480	<0.01
Aqueous extract	1500	DLD-1/SW620	<0.001
Aqueous extract	1500	HT-29/SW480	<0.0001
Aqueous extract	1500	HT-29/SW620	<0.0001
Aqueous extract	2000	DLD-1/SW480	<0.05
Aqueous extract	2000	DLD-1/SW620	<0.01
Aqueous extract	2000	HT-29/SW480	<0.01
Aqueous extract	2000	HT-29/SW620	<0.01
Aqueous extract	2500	DLD-1/SW620	<0.05
Aqueous extract	3000	DLD-1/SW480	<0.0001
Aqueous extract	3000	DLD-1/SW620	<0.0001
Aqueous extract	3000	HT-29/SW480	<0.01

**Supplementary Table S2.** IC50 values of each cell line exposed under different treatments.

Treatment	Cell line	IC50 Concentration ( $\mu\text{g/mL}$ )	Statistical error
Aqueous extract	DLD-1	1923	$\pm 139$
Aqueous extract	HT-29	1865	$\pm 58$
Aqueous extract	SW480	1031	$\pm 25$
Aqueous extract	SW620	405	$\pm 74$
Hexanic extract	DLD-1	159	$\pm 13$
Hexanic extract	HT-29	126	$\pm 17$
Hexanic extract	SW480	128	$\pm 11$
Hexanic extract	SW620	87	$\pm 13$
Methanolic extract	DLD-1	142	$\pm 2$
Methanolic extract	HT-29	15	$\pm 2$
Methanolic extract	SW480	122	$\pm 2$
Methanolic extract	SW620	66	$\pm 2$