

Supplementary material

Chemical Profiling, Bioactive Properties, and Anticancer and Antimicrobial Potential of *Juglans regia* L. Leaves

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Supplementary Table S1: Correlation between TPC, TFC, TPA in *J. regia* leaves preparation and antioxidant activity.

Supplementary Table S2: Correlation between TPC, TFC, TPA in *J. regia* leaves preparation and antiproliferation activity

Table S1. Correlation between TPC, TFC, TPA in *J. regia* leaves preparation and antioxidant activity determined by O₂[•], OH[•], ChA, ABTS, and CUPRAC methods.

	TPC	TFC	TPA
O ₂ [•]	-0.992	-0.890	-0.941
OH [•]	-0.842	-0.733	-0.428
ChA	-0.354	-0.182	-0.196
ABTS	0.978	0.996	0.993
CUPRAC	0.999**	0.998*	0.417

(+) positive correlation, (-) negative correlation, *significant differences at $p < 0.05$, ** significant differences at $p < 0.01$.

Table S2. Correlation between TPC, TFC, TPA in *J. regia* leaves preparation and antiproliferation activity against CCD841 CoN, DLD-1, Caco-2, MCF-7, U87MG, U251MG, and SK-Mel-29 cell lines.

	TPC	TFC	TPA
CCD841 CoN	-0.182	-0.354	-0.676
DLD-1	-0.161	-0.998*	-0.388
Caco-2	-0.333	-0.160	-0.218
MCF-7	-0.999*	-0.996	-0.871
U87MG	-0.660	-0.515	-0.159
U251MG	-0.958	-0.994*	-0.964
SK-Mel-29	-0.580	-0.715	-0.923

(+) positive correlation, (-) negative correlation, *significant differences at $p < 0.05$, ** significant differences at $p < 0.01$.