

Table S2. Median inhibitory concentrations of wastewaters obtained from different Roses species in non-tumorigenic and tumorigenic cell lines after 24 h of incubation.

Roses WW Cell line/Model parameters	<i>WW from Rosa centifolia</i>	<i>WW from Rosa gallica</i>	<i>WW from Rosa damascena</i>	<i>WW from Rosa alba</i>
HEP-G2				
HillSlope	1.376	3.22	2.095	1.675
<i>IC</i> ₅₀	3.344*/261**	2.939/226	3.001/216	2.566/195
R (correlation coefficient)	0.90	0.90	0.875	0.903
HaCaT				
HillSlope	1.28	1.304	1.122	1.319
<i>IC</i> ₅₀	1.56/121	1.656/127	2.84/204	1.85/140
R (correlation coefficient)	0.91	0.91	0.92	0.87
A-375				
HillSlope	1.475	2.602	1.044	1.166
<i>IC</i> ₅₀	0.696/54	0.823/63	1.015/73	0.75/57
R (correlation coefficient)	0.93	0.95	0.90	0.90
A-431				
HillSlope	0.895	1.279	1.663	1.447
<i>IC</i> ₅₀	0.853/67	1.294/100	1.852/133	1.345/102
R (correlation coefficient)	0.90	0.91	0.95	0.94

Legend: HEP-G2 – liver adenocarcinoma (stage I); HaCaT – normal human keratinocytes; A-375 – malignant melanoma; A-431 – epidermoid carcinoma of the skin; HillSlope – Slope factor or Hill slope, unitless; *IC*₅₀ – median inhibitory concentration; *volumetric concentration [%]; **concentration of polyphenols , GAE [µg/mL].