

Supplementary Table S6. Correlation study about formation of hydroxyl radical in photosensitizers and log-reduction found in microorganism after the PDT application.

Microorganism	Photosensitizer	p-value	CI (95%)	r (Pearson)	R ²	Power (95%)
<i>C. acnes</i>	<i>S. splendida</i>	0.3811	-0.58; 0.92	0.4412	0.1947	0.2045
	<i>S. alata</i>	0.0359	0.09; 0.98	0.8409	0.7071	0.6828
<i>C. albicans</i>	<i>S. macrantera</i>	0.0578	-0.04; 0.98	0.7966	0.6345	0.5457
	<i>S. splendida</i>	0.0230	0.21; 0.99	0.8733	0.7627	0.7543
	<i>S. alata</i>	0.0638	-0.07; 0.98	0.7859	0.6177	0.5762
<i>S. aureus</i>	<i>S. macrantera</i>	0.0020	0.69; 1.00	0.9628	0.9271	0.9633
	<i>S. splendida</i>	0.0003	0.88; 1.00	0.9863	0.9727	0.9961
	<i>S. alata</i>	0.0020	0.70; 1.00	0.9636	0.9285	0.9647
<i>S. mutans</i>	<i>S. macrantera</i>	0.4230	-0.60; 0.92	0.4071	0.1657	0.1844
	<i>S. splendida</i>	0.2415	-0.45; 0.94	0.5661	0.3204	0.2968
	<i>S. alata</i>	0.3661	-0.57; 0.92	0.4537	0.2058	0.2122

CI: confidence interval; r: correlation coefficient; R²: determination coefficient. P-value <0.05 was considered as statistical significance