

Supplementary Materials: Surface-Modified Multifunctional Thymol-Loaded Biodegradable Nanoparticles for Topical Acne Treatment

Camila Folle, Natalia Díaz-Garrido, Elena Sánchez-López, Ana Maria Marqués, Josefa Badia, Laura Baldomà, Marta Espina, Ana Cristina Calpena and María Luisa García

Table S1. Oligonucleotide primers used for RT-qPCR.

Gene	Forward (5'-3')	Reverse (5'-3')
TNF- α	CTGCTGCACTTTGGAGTGAT	AGATGATCTGACTGCCTGGG
IL-1 α	GAAGAGACGGTTGAGTTTAAGCC	CAGGAAGCTAAAAGGTGCTGA
IL-1 β	GTGGCAATGAGGATGACTTGTTTC	TAGTGGTGTCGGAGATTCGTA
IL-8	CTGATTTCTGCAGCTCTGTG	GGGTGGAAGGTTTGGAGTATG
IL-6	AGCCACTCACCTCTTCAGAAC	GCCTCTTGCTGCTTTCACAC
Keratin 16 (K16)	CAGCGAACTGGTACAGAGCA	GTTCTCCAGGGATGCTTCA

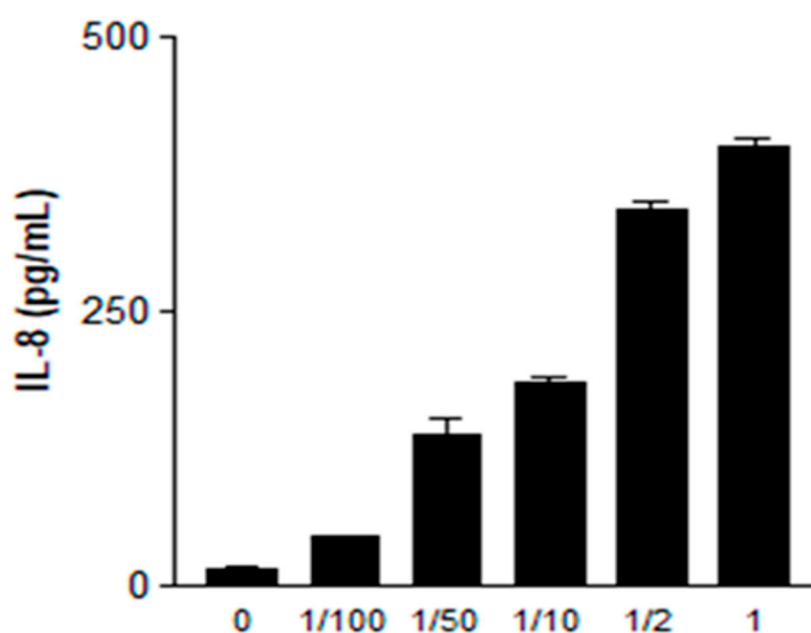


Figure S1. Dose-dependent inflammatory capacity of *C. acnes*. HaCaT cells were incubated for 24 h with the indicated dilutions of the *C. acnes* stock inoculum (adjusted to OD 1.2 at 550 nm). Value 1 indicates no dilution. Secreted IL-8 was quantified in the cell culture supernatant by ELISA. Values of IL-8 (pg/mL) are the Mean \pm SD, $n=3$.