

Supplementary

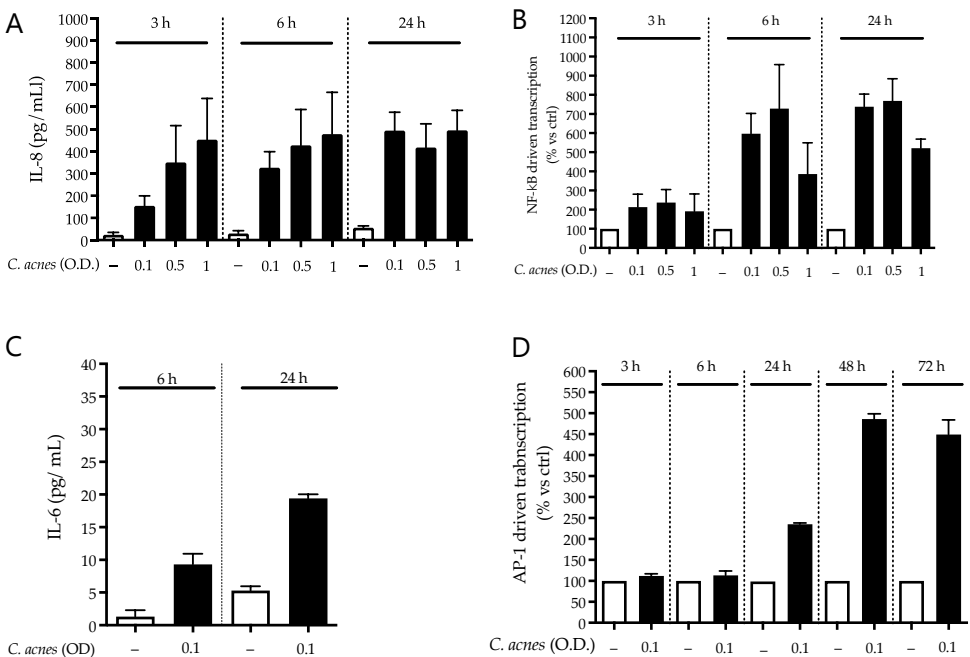


Figure S1. Time-course experiments concerning the inflammatory effect of *C. acnes* on HaCaT cells. Different loads (O.D. $_{600\text{ nm}}$) of *C. acnes* were used to infect HaCaT cells for different time: the release of IL-8 (A) and the NF- κ B driven transcription (B) were already increased by O.D.=0.1 and peaked after 24 h. Using the same bacterial load, the increase of IL-6 release (C) and AP-1 driven transcription (D) were measured.

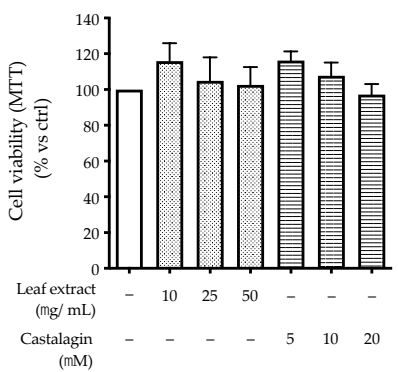


Figure S2. HaCaT cells viability measured by MTT test after treatment with various concentrations of *C. sativa* leaf extract and castalagin for 48 h.