



Supplementary Material

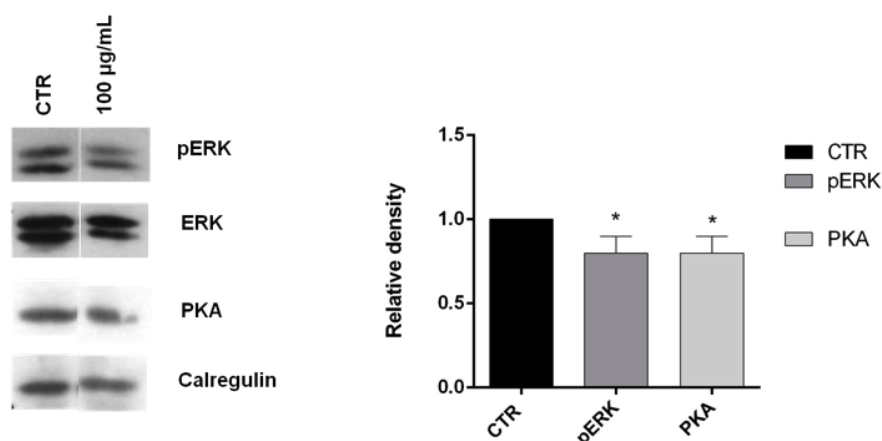


Figure S1 Relative expression levels of pERK and PKA proteins in SH-SY5Y cells treated with *C. medica* cv *rugosa* or with vehicle (CTR). Densitometric values of each protein have been normalized for calregulin values. The quantification of the effect of *C. medica* (100 µM) on pERK and PKA compared with CTR is reported on the right. Values are the mean ± SD of 3 experiments. * $p < 0.05$ vs CTR (ANOVA followed by Dunnett's multiple comparison test)

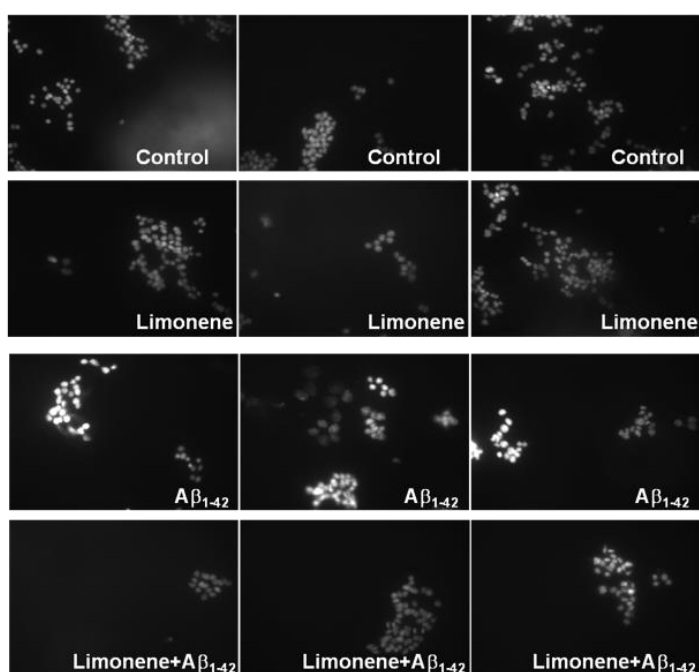


Figure S2 Representative Hoechst 33258-images from primary cortical neurons under control conditions, in the presence of limonene, $A\beta_{1-42}$ or limonene+ $A\beta_{1-42}$.

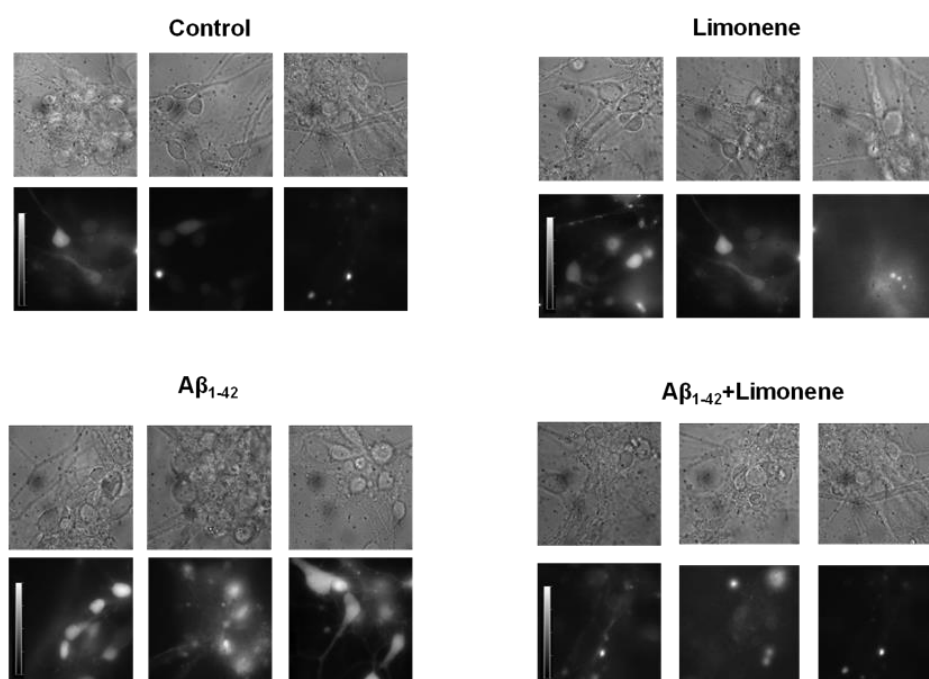


Figure S3 Representative DCF-images from primary cortical neurons under control conditions, in the presence of limonene, A β_{1-42} or limonene+A β_{1-42}