Supplementary figures 1

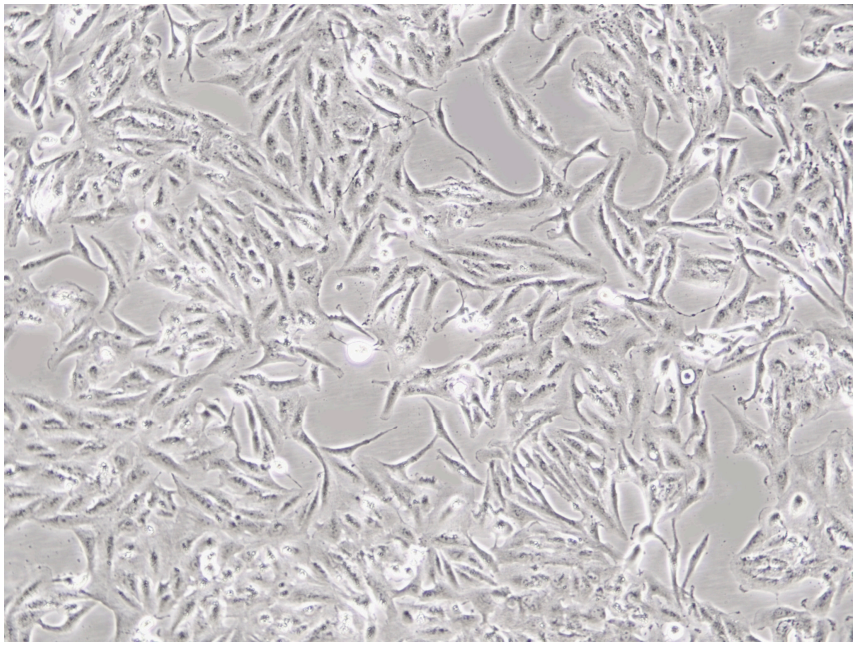


**Figure S1**. Morphology of cultured CP-B cells at 70% of confluence, acquired at total magnification 100X, with an inverted phase-contrast microscope Optika IM-3.

Supplementary figures 2

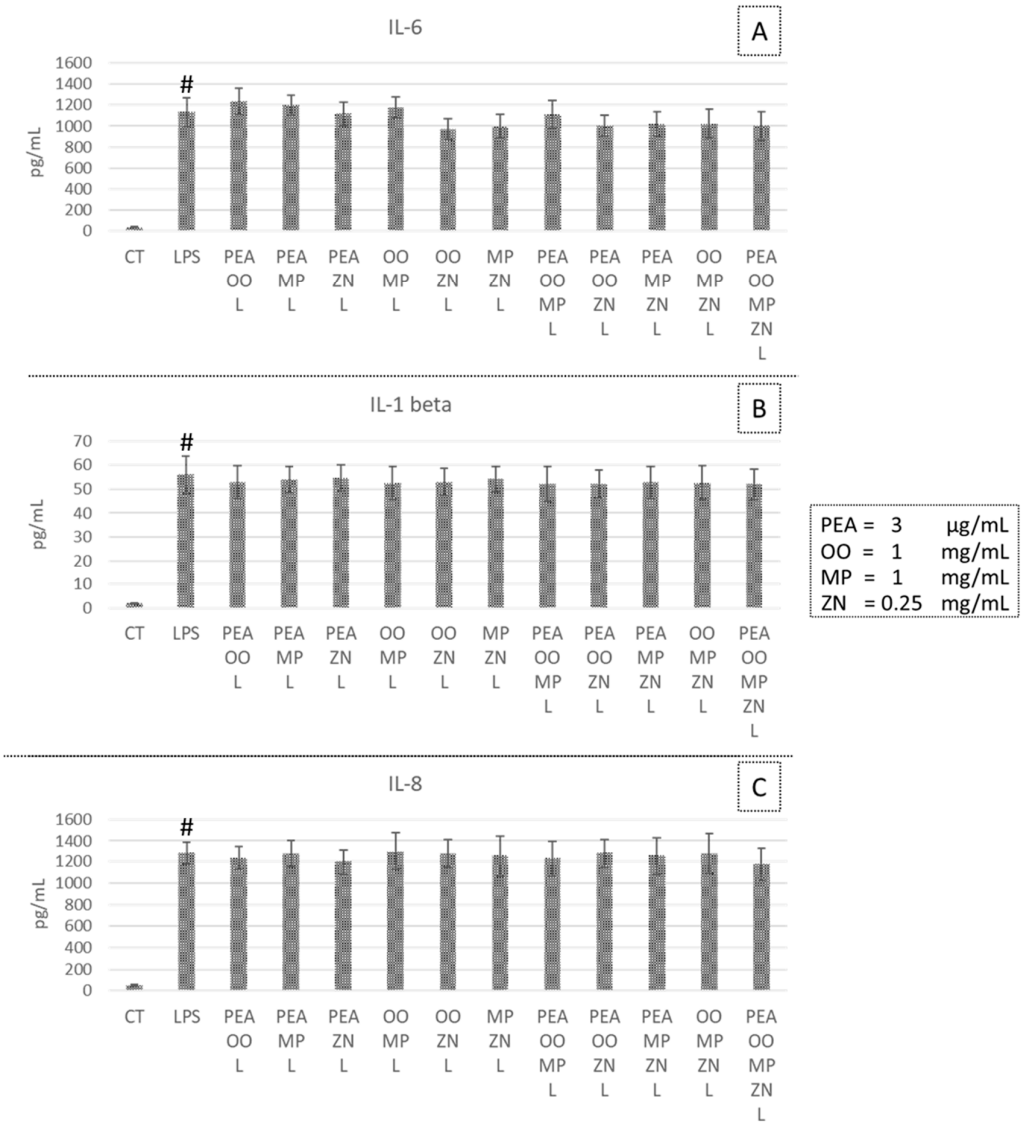



**Figure S2**. Anti-inflammatory effects of binary, ternary and quaternary mixtures at low concentrations, analysed by measuring the secretion of the pro-inflammatory cytokine IL-6 (panel A), IL-1β (panel B) and IL-8 (panel C) after LPS stimulation. CT, control; LPS, Lipopolysaccharide positive control; PEA, Pamitoylethanolamide, OO, *Olea europaea* and *Opuntia ficus-indica* extract; MP, *Musa x paradisiaca*; ZN, *Zingiber officinale*. Concentration values are listed in the figure legend. #=p<0.001 compared to the negative untreated control (CT).