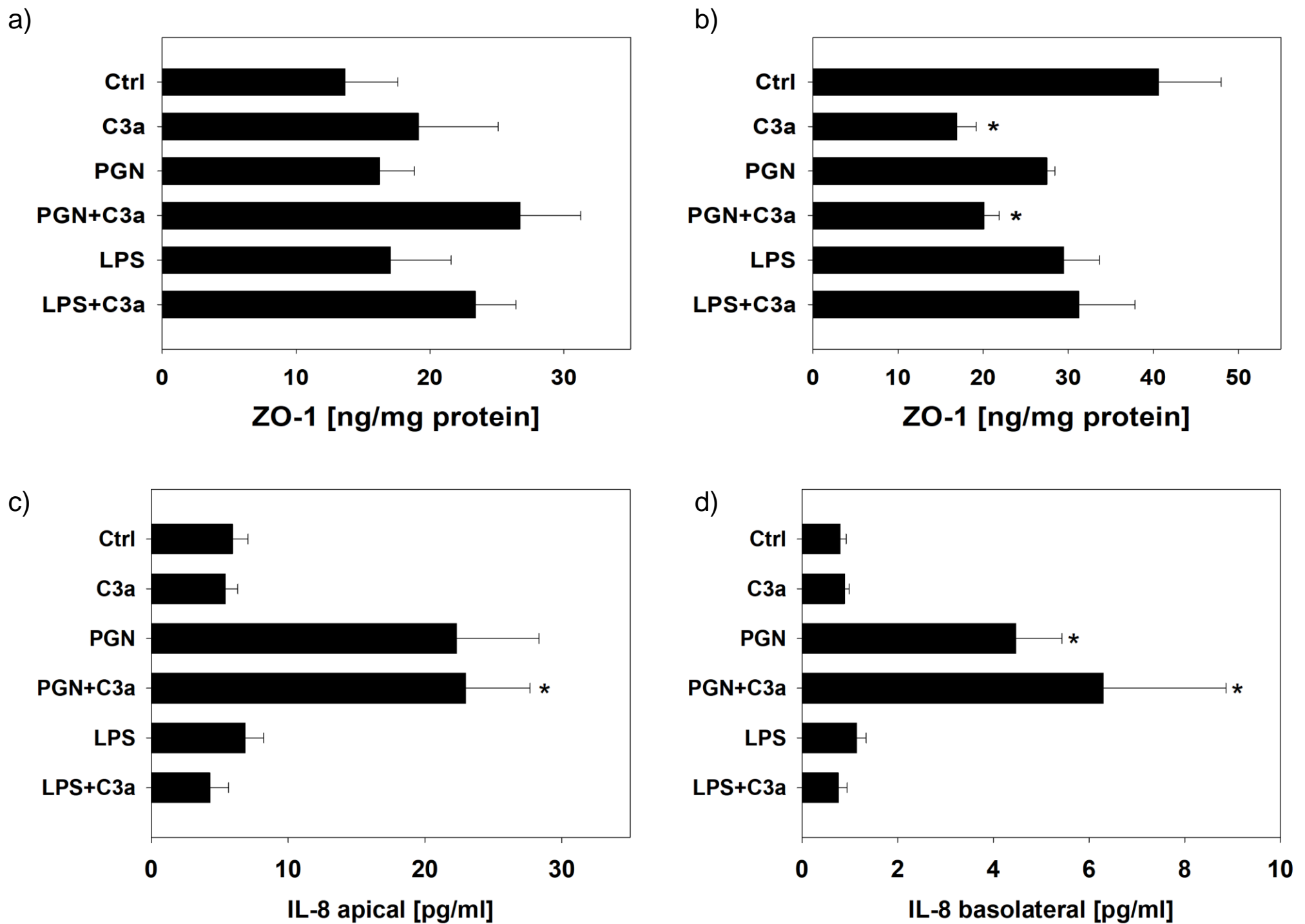


Supplemental Fig. 1



Supplemental Figure 1: Changes in expression of ZO-1 and interleukin 8 in an in vitro model

In an in vitro model, protein concentration of Zonula occludens protein 1 (ZO-1) within human intestinal T84-cells was reduced by basolateral (**b**), but not by apical (**a**) stimulation with C3a and Toll-like receptor-ligands (PGN=peptidoglycan, LPS=lipopolysaccharide). Apical (**c**) and basolateral (**d**) secretion of interleukin 8 (IL-8) was increased after apical stimulation of T84 cells with C3a and PGN, but not by LPS. Groups were compared using one-way ANOVA with Holm-Sidak post-hoc test (a,b) or Kruskal-Wallis ANOVA on ranks followed by Dunnett's method (c,d). *p<0.05 vs. control (Ctrl).