Supplemental Figure 1. Platelet-leukocyte aggregates on Flow Cytometry

CD11b positive events (A, pink) were gated against an isotype control (A, blue). Platelet-leukocyte aggregates were identified by the CD42+ portion of the CD11b+ subset (B, pink). Platelet-leukocytes are easily observable as a CD11b+, CD42+ population in panel C.
Supplemental Figure 2. Ticagrelor reduces IL-6 in pneumonia patients

The concentration of IL-6 in the plasma for subjects is plotted at baseline and 24 hours in patients given placebo (A, open circles) and ticagrelor (A, filled circles). No significant difference is observed between baselines (p = 0.324). No significant change between baseline and 24 hours in the placebo group (p = 0.776), however there was a significant decrease in the patients that were given ticagrelor (p = 0.022). Delta change at 24 hours from baseline is presented for subjects given placebo (B, open circles) and ticagrelor (B, filled circles). A significant difference was observed between the delta changes.