



**Supplementary figure 1.** To further understand the effect of HCQ Dose on platelet and vascular activity, correlational analyses were stratified into patients not on HCQ, HCQ Dose/Weight 0-5 mg/kg, and HCQ Dose/Weight > 5mg/kg. Values reported are p values for a nonparametric Wilcoxon test. This analysis was performed for (A) Platelet aggregation in response to 1  $\mu$ M ADP as measured by the area under the curve (AUC) stratified by HCQ Dose/Weight, (B) P-selectin (PSEL) surface expression fold change, (C) PBR, (D) RBC filling, and (E) BART.