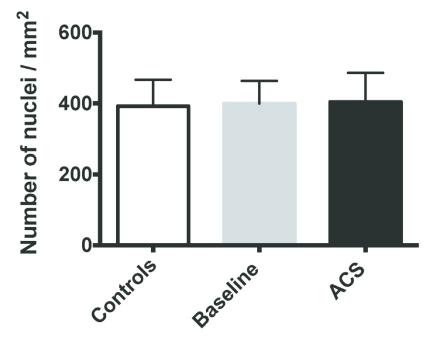


Supplemental Figure S2. Plasma free heme is increased in subjects with SCD compared to controls. Colorimetric analysis was performed to determine the amount of free heme in subjects' plasma. Subjects with SCD had increased plasma free heme, with no detectable difference between timpoints for subjects with SCD. (* = p<0.05 by unpaired t-test between control and ACS).



Supplemental Figure S3. EV treatment does not affect endothelial cell number. HMVEC-d cells were grown to confluence, treated with exosomes and stained with DAPI to visualize nuclei. We obtained multiple (n=6) low power (10X) micrographs from monolayers 48 hours following treatment with EVs from each subject/condition. DAPI-stained nuclei in each field were counted by an observer who was unaware of EV source and that was used to calculate number of nuclei (cells) per unit area. No significant differences were found.