

Figure S1 MTS and LDH assay on HBMECs after paraquat exposure

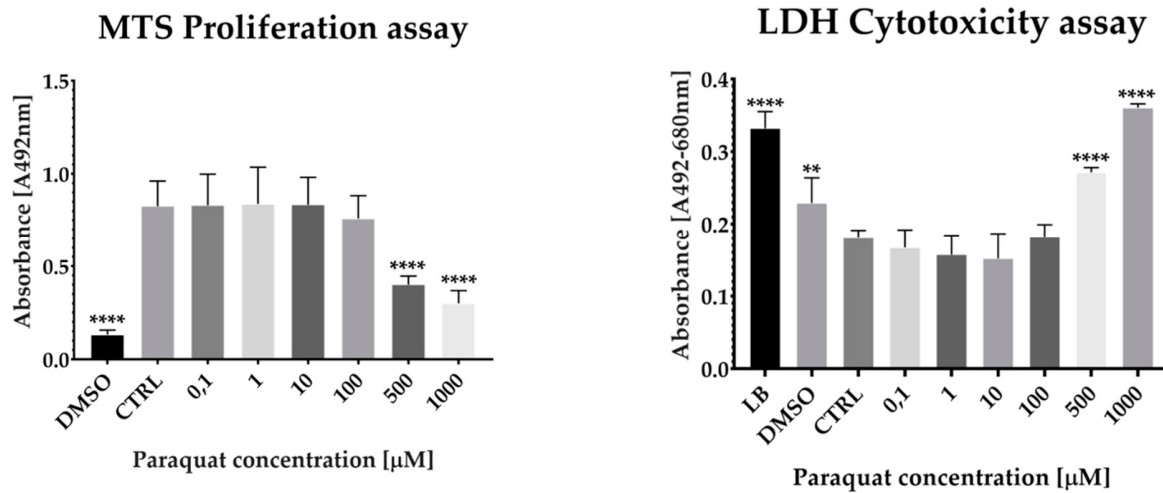


Figure S1. Effect of 24h-exposure to PQ at different concentrations (0,1, 1, 10, 100, 500 and 1000 μ M) on viability and cell death assessed using MTS and LDH assays, respectively. Data are represented as means $\pm$ SD of six biological replicates. ** corresponds to a p -value $\leq 0,01$ and **** corresponds to a p -value $\leq 0,0001$.

Figure S2 Volcano plot of EV proteins after paraquat exposure

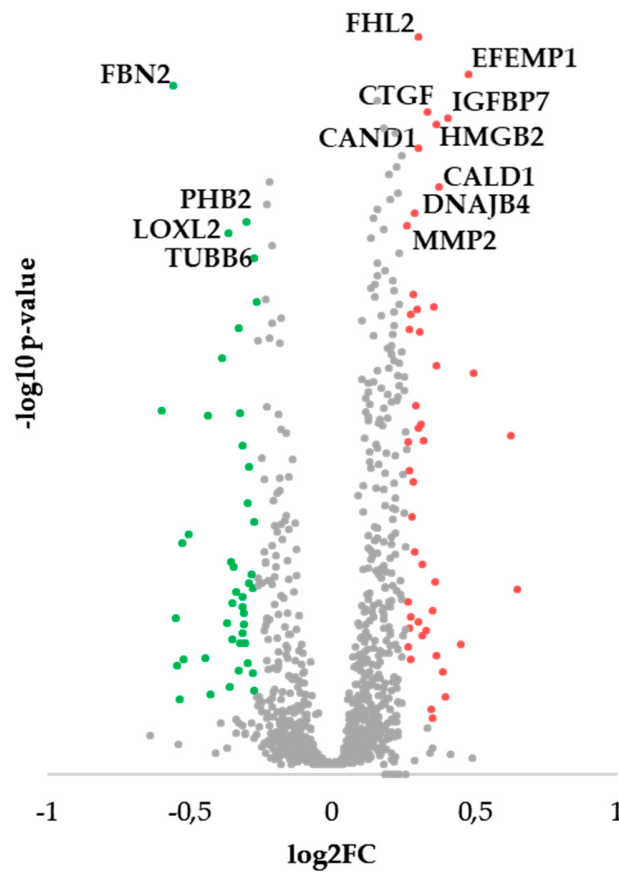


Figure S2. Volcano plots displaying the distribution of all proteins after PQ treatment at 100 μ M with relative protein abundance $\log_2(\text{PQ } 100 \mu\text{M}/\text{control ratio})$ plotted against its significance level $-(\log_{10}) p\text{-value}$, showing significantly ($P \leq 0.05$) increased (PQ 100 μ M/control ratio > 1.2; red) and decreased (PQ 100 μ M/control ratio ≤ 0.83 ; green) EV proteins after PQ treatment.

Figure S3 Biological process gene ontology enrichment of changing EV proteins after paraquat exposure

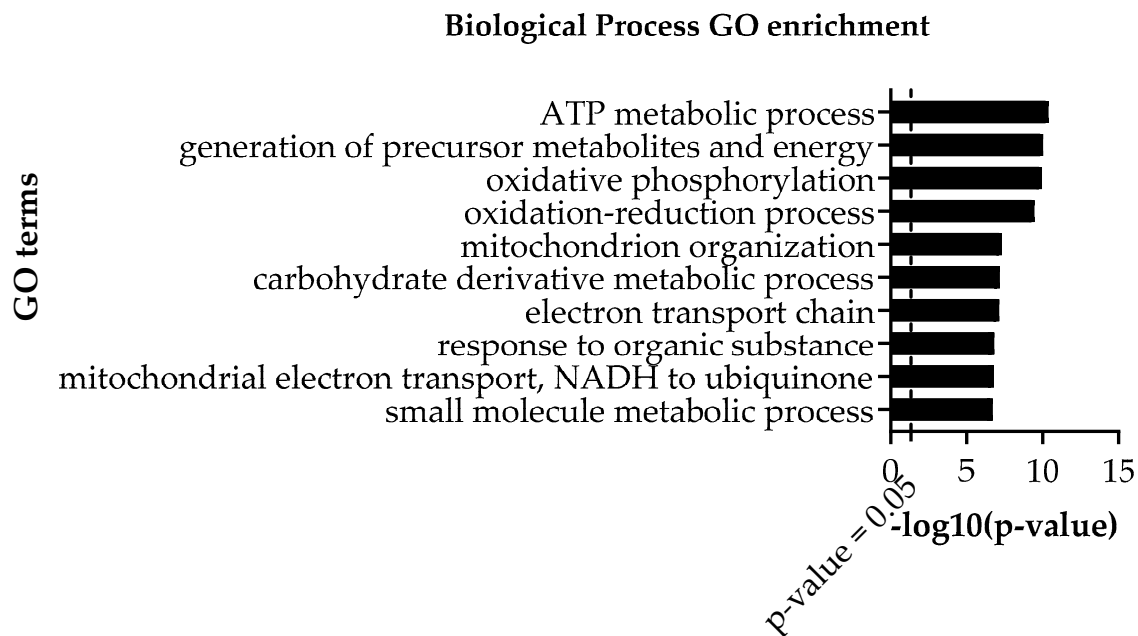


Figure S3. Top ten enriched biological process GO enrichment by MetaCore™ software for the lists of changing proteins ($\text{FC} > 1.2$, $\text{p-value} \leq 0.05$, $N = 3$) after PQ treatment on EVs from HMBECs. X axis corresponds to $-\log_{10}(\text{p-value})$, Y axis corresponds to the GO terms and the dashed line represents the p-value cut-off of 0.05.