

Supplementary Materials: Erythrocyte Vulnerability to Airborne Nanopollutants

Erythrocyte osmotic fragility test: Sample distribution for the 96-well plate spectrophotometric measurements for erythrocyte osmotic fragility test.

	1	2	3	4	5	6	7	8	9	10	11	12
A	NP 0.1	NP 0.1	NP 0.1	NP 0.05	NP 0.05	NP 0.05	NP 0.01	NP 0.01	NP 0.01	NP 0.005	NP 0.005	NP 0.005
B	T1	T1	T1	T2	T2	T2	T3	T3	T3	T4	T4	T4
C	T5	T5	T5	T6	T6	T6	T7	T7	T7	T8	T8	T8
D	T9	T9	T9	T10	T10	T10	T11	T11	T11	T12	T12	T12
E	T13	T13	T13	T14	T14	T14	T15	T15	T15	T16	T16	T16
F	T17	T17	T17									
G	H + 0.1	H + 0.1	H + 0.1	H + 0.05	H + 0.05	H + 0.05	H + 0.01	H + 0.01	H + 0.01	H + 0.005	H + 0.005	H + 0.005
H	H	H	H							PBS	PBS	PBS

Figure S1. 96 well plate display. T1 is the tube with 0.1% NaCl, T2 has a 0.15% NaCl, T3 has a 0.2% NaCl, T4 has 0.25% NaCl, T5 has 0.3% NaCl, T6 has a 0.35% NaCl, T7 has a 0.4% NaCl, T8 has a 0.45% NaCl, T9 has a 0.5% NaCl, T10 has a 0.55% NaCl, T11 has a 0.6% NaCl, T12 has a 0.65% NaCl, T13 has a 0.7% NaCl, T14 has a 0.75% NaCl, T15 has a 0.8% NaCl, T16 has a 0.85% NaCl, T17 has a 0.9% NaCl, H corresponds to the 100% free hemoglobin supernatant or positive control for the adsorption assay, PBS corresponds to the 0% free hemoglobin or negative control for the adsorption assay, H + 0.1 to H + 0.005 are the 100% hemoglobin supernatant mixed with the nanopollutant solutions at the different concentrations tested, NP 0.1 to NP 0.005 are the nanopollutants solutions diluted in PBS at the different concentrations tested to assess possible nanoparticle interference.