

Additional file 1: **Correlation coefficients (Pearson) between biomarker responses induced by Parisian PM exposure.** Correlations were calculated with results of Val et al. [16] for UF and F fractions as well as all size fractions (Paris). Bold values represent a statistical correlation between biomarkers ($p < 0.05$).

Paris UF	GM-CSF	IL-6	AREG	CYP1A1	NQO-1	HO-1
GM-CSF	1					
IL-6	0.831	1				
AREG	0.463	0.497	1			
CYP1A1	0.767	0.553	0.326	1		
NQO-1	0.770	0.546	0.374	0.895	1	
HO-1	0.893	0.749	0.364	0.823	0.785	1

Paris F	GM-CSF	IL-6	AREG	CYP1A1	NQO-1	HO-1
GM-CSF	1					
IL-6	0.893	1				
AREG	0.894	0.819	1			
CYP1A1	0.804	0.754	0.843	1		
NQO-1	0.678	0.612	0.765	0.907	1	
HO-1	0.789	0.621	0.787	0.882	0.934	1

Paris	GM-CSF	IL-6	AREG	CYP1A1	NQO-1	HO-1
GM-CSF	1					
IL-6	0.848	1				
AREG	0.788	0.710	1			
CYP1A1	0.830	0.709	0.722	1		
NQO-1	0.753	0.647	0.727	0.884	1	
HO-1	0.701	0.633	0.671	0.756	0.804	1