**Organic Dust Exposure Induces Stress Response and Mitochondrial Dysfunction in Monocytic Cells**

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**Supplementary fig. S1** ODE increases production of proinflammatory cytokines

Cytokine levels in the supernatant of THP1 cells treated with either medium or ODE (1%) followed by either medium or EP (2.5 µM) or MA (10 µM) for 24 hours was measured. Expression of pro-inflammatory cytokines TNF-α (a), IL-1β (b), and IL-6 (c) were measured. Expression of anti-inflammatory cytokine IL-10 (d) was measured. For all assays, samples were derived from the same experiment and were processed in parallel. Data was analyzed using one-way ANOVA with Tukey’s multiple comparison test (\*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001, \*\*\*\*p < 0.0001) and represented as mean ± SEM with n = 6/treatment (\* indicates significant difference from control).