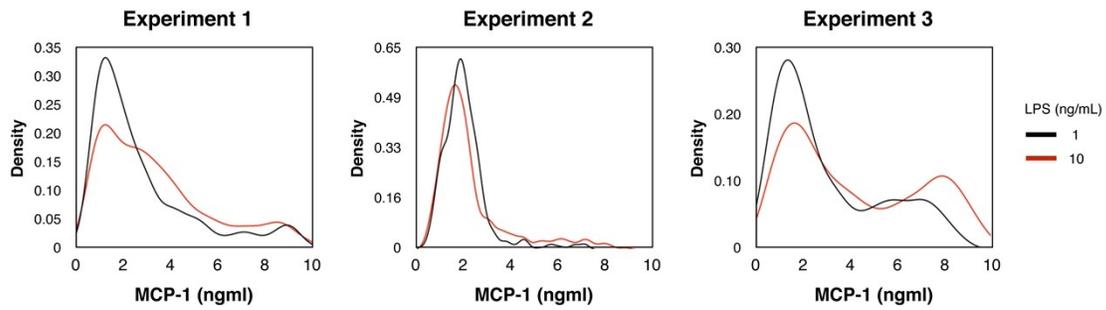
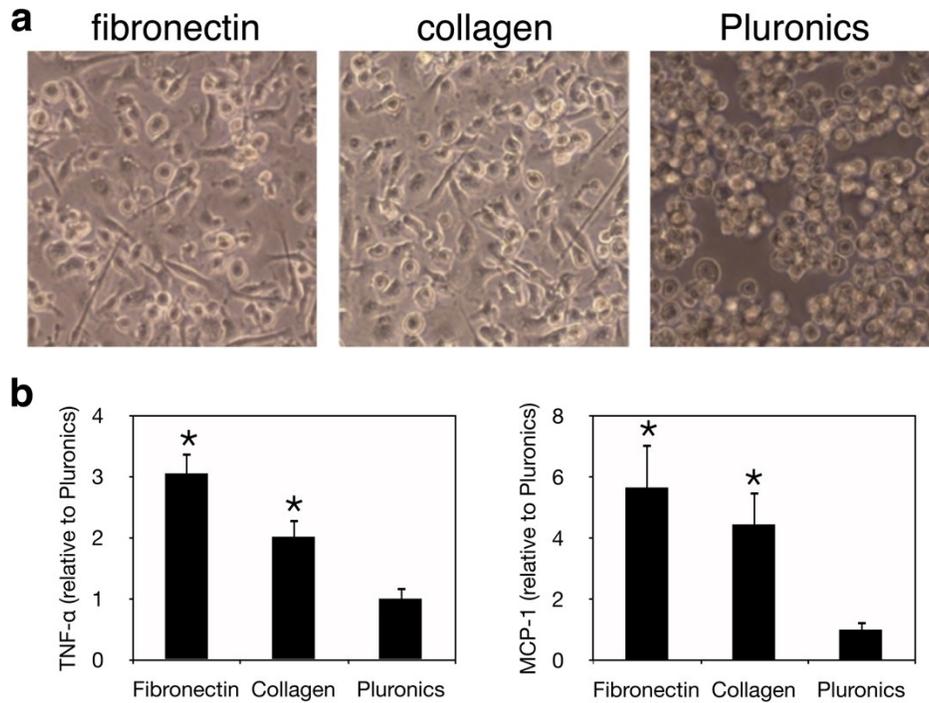


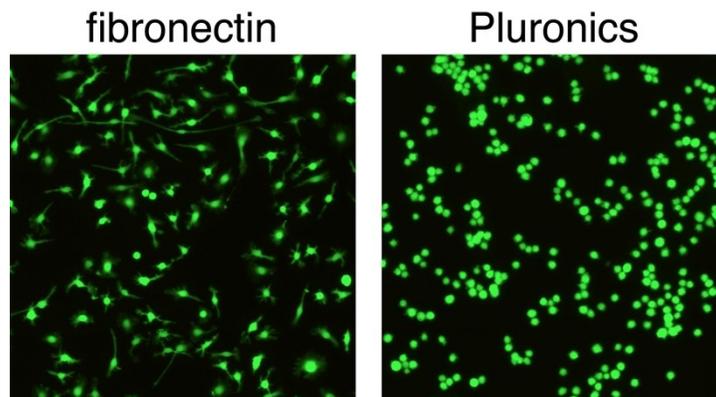
Supplemental Figure 1. MCP-1 standard curve. (a) Representative immunofluorescence images of detection substrate incubated with indicated concentrations of MCP-1, and then detected using an Oregon-green conjugated anti-MCP-1 antibody. (b) Quantification of mean fluorescence intensities of the indicated MCP-1 concentrations.



Supplemental Figure 2. Variability across experiments. Probably density curves of from three separate experiments using primary bone marrow derived macrophages obtained from different mice cultured on 33x33 μ m microwells and treated with 10 ng/ml IFN- γ and 1 or 10 ng/ml of LPS.



Supplemental Figure 3. Macrophage cytokine secretion is dependent on ECM substrate. (a) Representative phase contrast images of bone marrow derived macrophages cultured on surfaces with the indicated coatings. (b) Quantification of average TNF- α (left) and MCP-1 (right) secretion cultured on different surfaces for 24 hours, relative to Pluronics surface. * denotes $p < 0.05$ across three separate experiments when compared to cells cultured on Pluronics surface.



Supplemental Figure 4. Viability of macrophages on fibronectin and Pluronics.

Representative live/dead stained macrophages cultured overnight on fibronectin or Pluronics.