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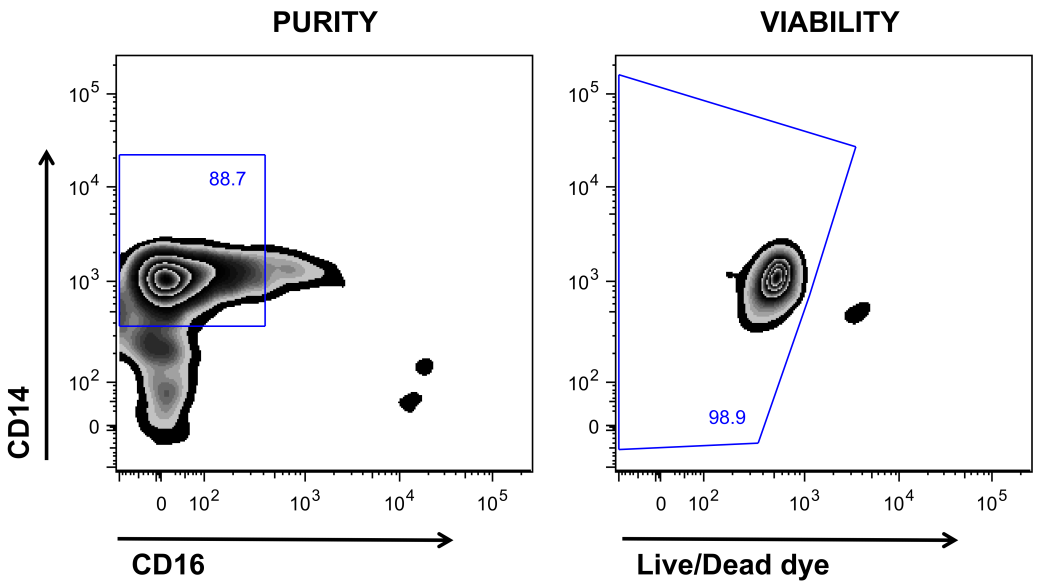
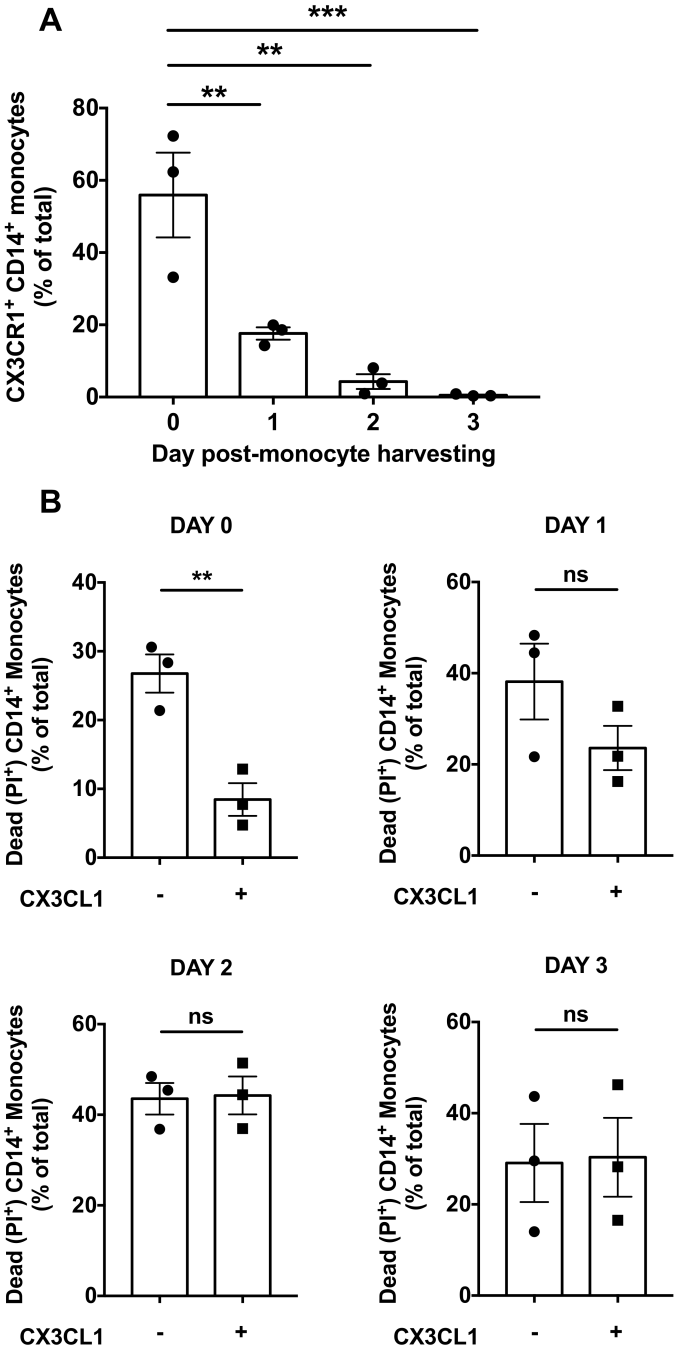
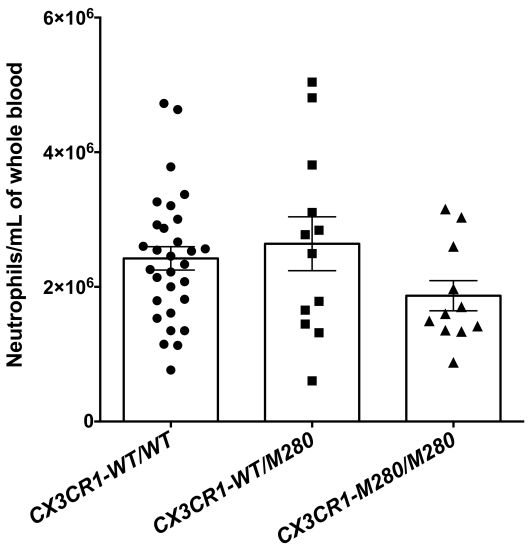


Supplemental Figure 1. Purity and viability of CD14$^+$ monocytes harvested using a negative immunomagnetic sorting strategy. Shown are representative FACS plots demonstrating the purity (left panel) and viability (right panel) of CD14$^+$ monocytes used in the study.



Supplemental Figure 2. Decreased CX3CR1 surface expression in cultured monocytes results in abrogation of the CX3CL1-mediated rescue of cell survival following serum starvation. Shown are summary data of (A) CX3CR1 expression in monocytes at days 0, 1, 2 and 3 after harvesting and culture and (B) the effects of

CX3CL1 in ameliorating serum starvation-induced cell death at the corresponding time-points. n = 3. $^{**}P < 0.01$; $^{***}P < 0.001$. Statistical analysis was performed using one-way ANOVA with Tukey's multiple comparisons test (A) or unpaired t test (B). Data represent the mean ± SEM.



Supplemental Figure 3. The *CX3CR1-M280/M280* mutation does not affect blood neutrophil levels at steady state. *CX3CR1-M280/M280* healthy donors have similar neutrophil counts at steady state compared to *CX3CR1-WT/WT* and *CX3CR1-WT/M280* healthy donors. n = 11-30. Statistical analysis was performed using one-way ANOVA with Tukey's multiple comparisons test. Data represent the mean ± SEM.