

SUPPLEMENTAL MATERIAL

Supplemental Figures and Figure Legends

Supplement Figure S1

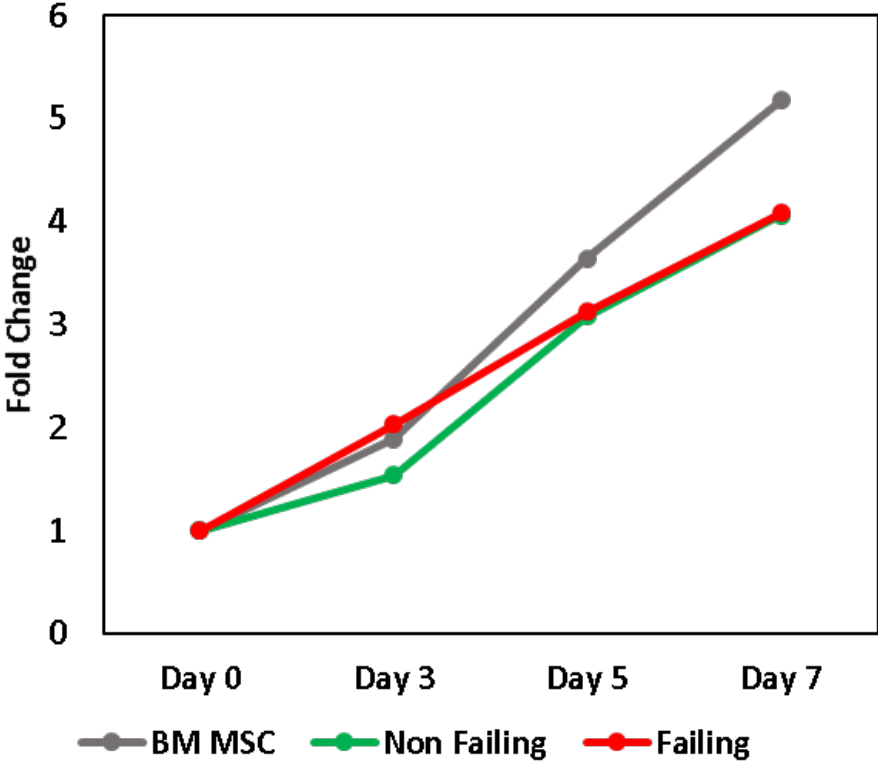


Figure S1: Growth curves for BM (bone marrow), non-failing and failing hMSCs.

Supplement Figure S2

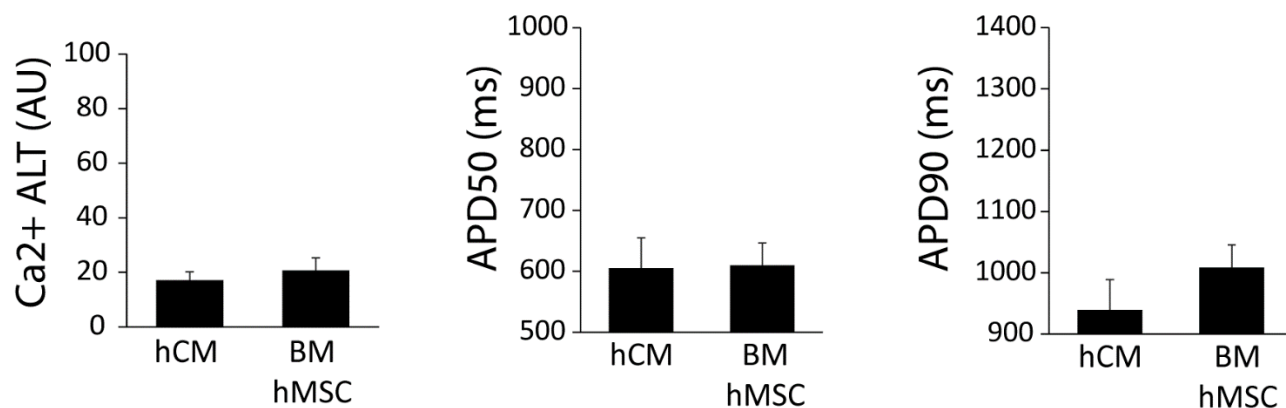


Figure S2: Ca²⁺ alternans (ALT), APD50 and APD90 are shown for hCM alone and hCM + hMSCs isolated from bone marrow (BM hMSC). APD50 and APD90 were measured at a pacing cycle length of 1200 ms. No significant differences were observed between groups.

Supplement Figure S3

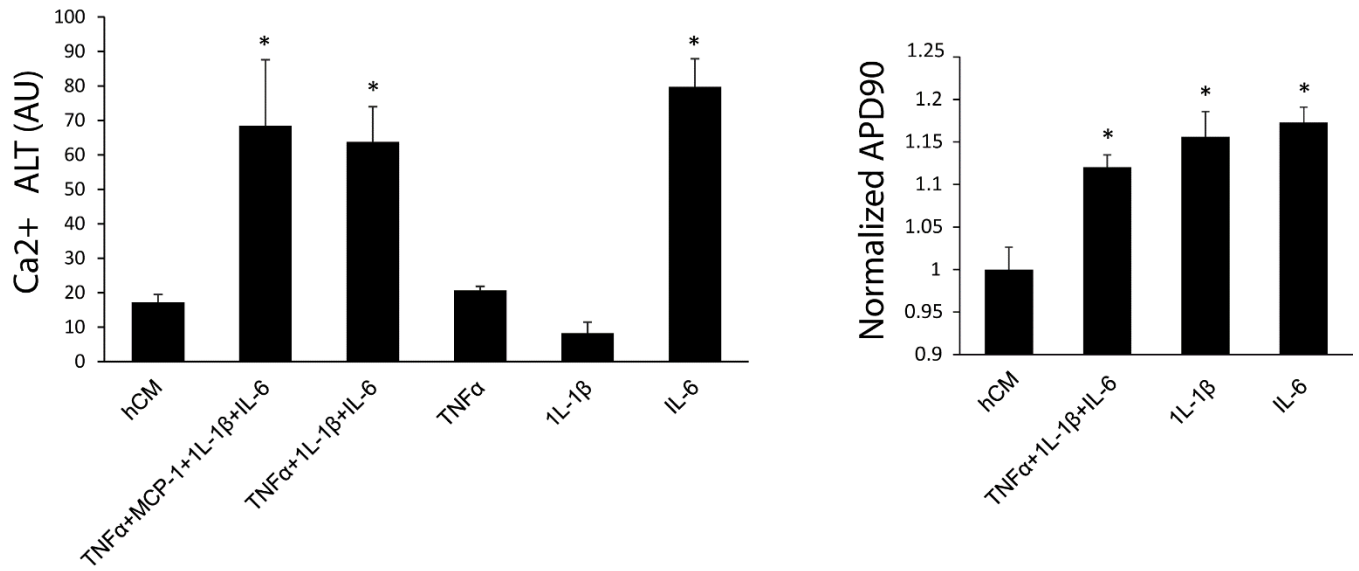


Figure S3: Preliminary studies evaluating the effects of combined and individual cytokines on Ca²⁺ alternans and APD90. APD90 is shown normalized to control (hCM). Only IL-1 β and IL-6 alone had a significant effect on Ca²⁺ alternans and APD compared to control (hCM). Levels of significance are compared to hCM and are corrected for multiple comparisons. * $p < 0.003$.