



Figure 7: Effect of HAs on the interaction of MSCs and Th (CD4+ T cells) cells. (A) and (B) Proliferation measurements are shown as the level of daughter cells from the whole Th cell population. (E) IL10, IFN γ and IL2 levels in medium from Activated Th cells with or without MSCs and with or without IFN γ in medium. (F) Ratios of IL10/IFN γ , IL10/IL2 and IFN γ /IL2. \circ Th cells alone, resting cells shown in dark small shape (\bullet); \square MSC sample 1, \diamond sample 2, ∇ sample 3 and \triangle sample 4. Shapes filled with black stand for 1.6 MDa HA; dark gray, 150 kDa HA; light gray, 7.5 kDa HA and white, no HA. Each shape/dot indicates the mean of three or four (with no MSCs) experimental replicates with error bars representing 95% CI. * $p < 0.05$, ** $p < 0.01$ and *** < 0.001 .