Supplementary Figure-1. Intratumoral CXCL8 expression shows strong correlation with the neutrophil marker, NCF2. Spearman (rho) analysis of the correlation between intra-tumoral mRNA expression of CXCL8 (IL-8) with Intra-tumoral expression of NCF2 (Neutrophil marker)
Supplementary Figure-2. BCG dose titration analysis and its impact on chemokine secretion by macrophages. Macrophages, generated by culturing monocytes in presence of GM-CSF for 6 days, were exposed to increasing doses of BCG (0.4, 2, 10 x10^6 CFU) for 24hrs. Secretion of CXCL8 and CXCL10 was measured by specific ELISAs.
Supplementary Figure-3. BCG combination with IFNα + poly-l:C reduces CXCL10 levels in co-cultures of bladder cancer cells, macrophages and fibroblasts. TS4 (Bladder cell line) was co cultured with macrophages and Fibroblasts in ratio 1:1:1 and treated with different permutations of celecoxib, IFNα, poly-l:C, and BCG. CXCL10 secretion was measured in 24 hour supernatants by ELISA. CCL22 and CXCL8 were below detection levels.