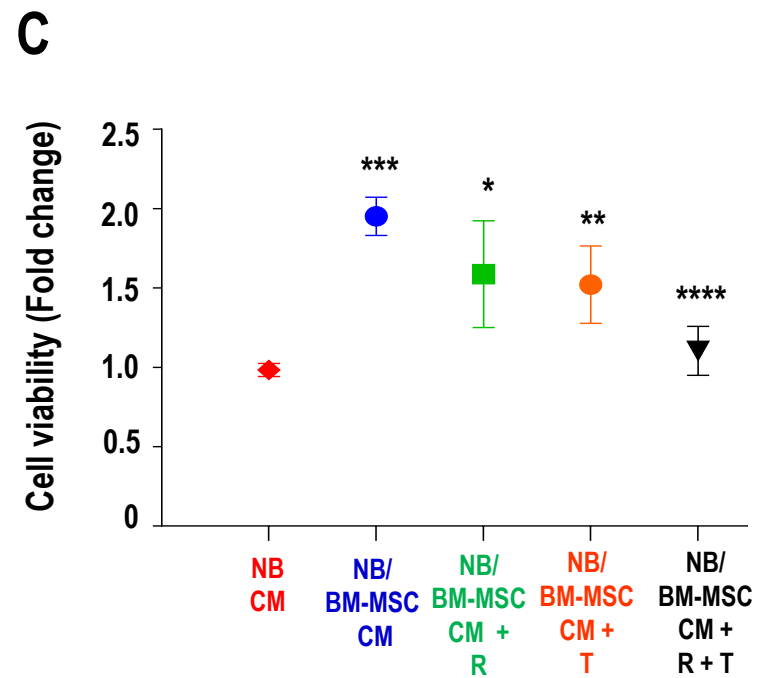
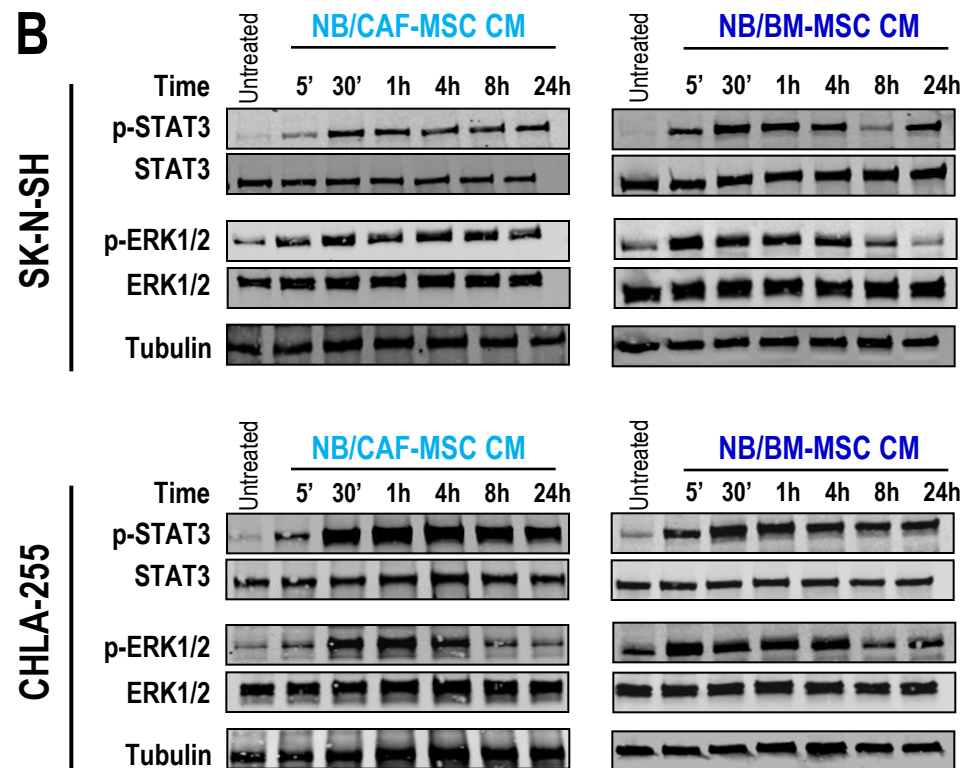
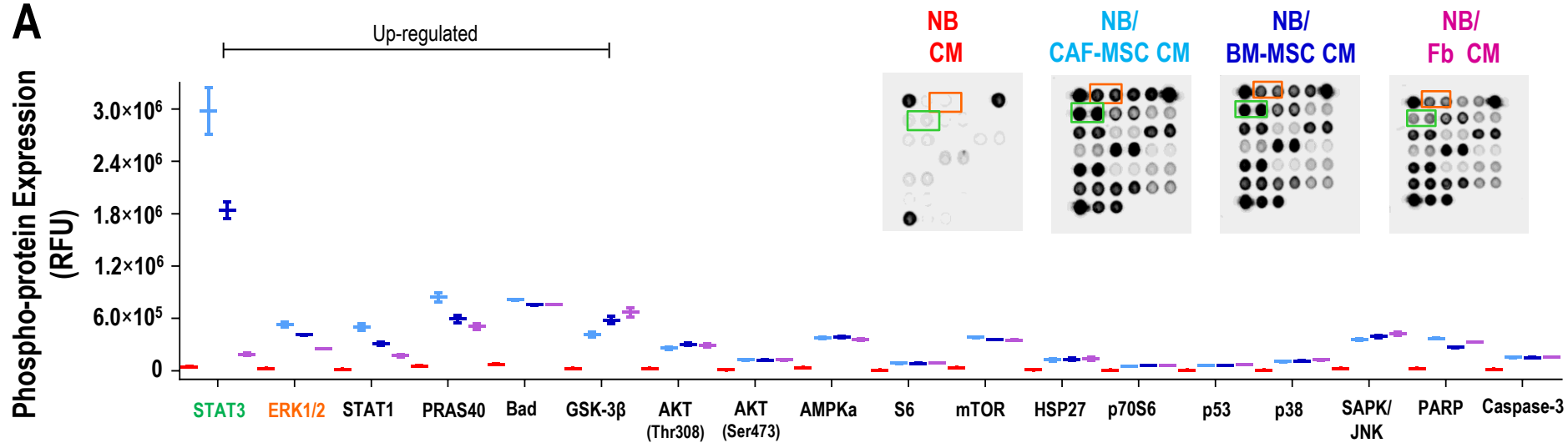


Supplementary Figure S5. CAF-MSC and BM-MSC induce activation of STAT3 and ERK1/2 signaling in SK-N-SH cells. **A:** SK-N-SH cells were exposed to CM from NB, NB/CAF-MSC, NB/BM-MSC or NB/Fb co-cultures and analyzed after 30 minutes for phosphorylated proteins as described in Figure 5A; **B:** Western blot analysis of the expression of p-STAT3, STAT3, p-ERK1/2 and ERK1/2 in SK-N-SH and CHLA-255 cells exposed to NB/CAF-MSC or NB/BM-MSC CM at indicated time points. Tubulin was used as a loading control. Data are representative of one of two independent experiments showing similar results; **C:** CHLA-255 cells were exposed to CM from NB alone or NB/BM-MSC co-culture, treated with ruxolitinib (R), trametinib (T) or their combination (R+T), and examined for viability after 48 hours. The data represent the mean (\pm SD) fold change in viability determined by luminescence activity from triplicate samples and results are representative of one of two independent experiments. * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$; **** $p < 0.0001$.



Supplementary Figure S5