Supplemental Figure 1

**a**
Graph showing TNF (ng/ml) over time (hours).

**b**
Images of IgG Control and Anti-Ly6G conditions, highlighting Adjacent soft tissues, Marrow, and Cortex.

**c**
Bar graphs for CCL3 (pg/ml) and sIL-6R (pg/ml) showing significant differences.

**d**
Fluorescence flow cytometry plots comparing FS, FS+TNF, and FS+TNF+anti-CCL2 conditions.

**e**
Comparison of Pre-enrichment and Post-enrichment with Ly6G PE and CD11b FITC.

**f**
Immunofluorescence images showing Merge, DAPI, Elastase, and CCL2.

**g**
Graph for Relative Calcius Mineralisation showing no significant differences.

**h**
Graph for Relative BMD, showing a significant decrease in Ovx compared to Ctrl.