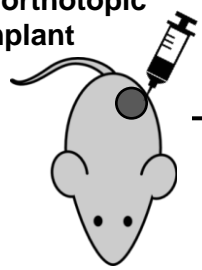


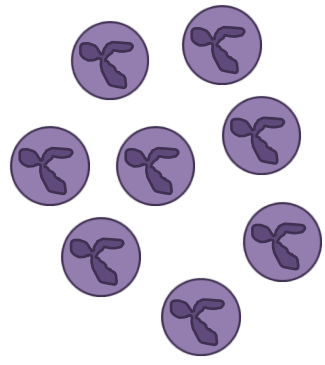
Supplemental Figure 11

A

Metastatic breast cancer orthotopic implant



G-CSF



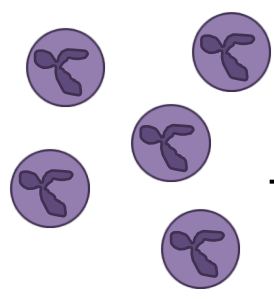
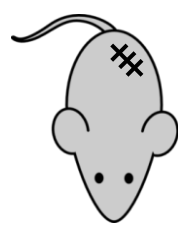
Systemic expansion of MDSCs



Lung metastatic burden

B

Surgical resection of orthotopic tumor



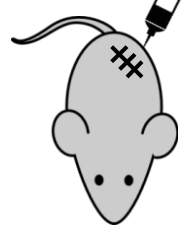
Residual pulmonary MDSCs



Lung metastatic burden

C

Surgical resection of orthotopic tumor



Gemcitabine



Depletion of pulmonary MDSCs



Lung metastatic burden

Supplemental Figure 12: Schematic of major findings **A)** Metastatic breast cancer cells secrete G-CSF, driving a systemic expansion of MDSCs and increased lung metastatic burden. **B)** Residual MDSCs continue to support lung metastatic colonization following surgical resection of orthotopic breast cancer tumors. **C)** Combination of surgical resection and low-dose gemcitabine treatment depletes pulmonary MDSCs and decreases lung metastatic burden.