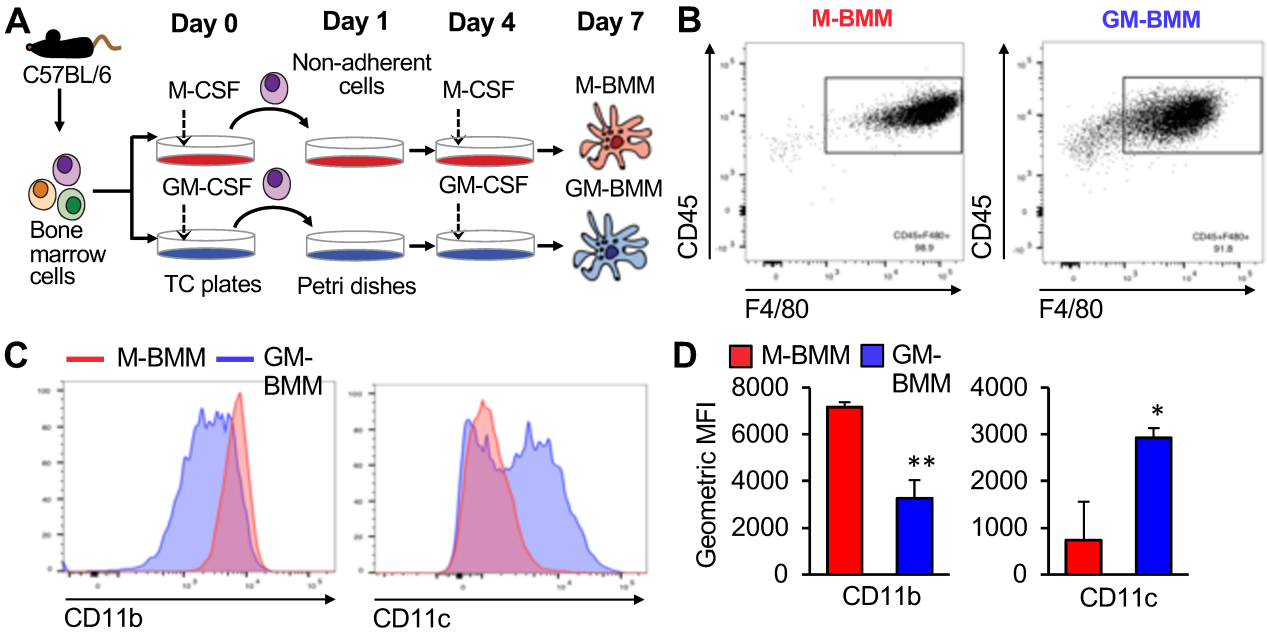
Supplemental material



Supplementary Figure 2. Preparation of bone marrow-derived macrophages (BMMs) with different phenotypes. (A) A protocol to prepare two different BMM populations. Bone marrow cells collected from the femur and tibia of C57BL/6 mice were cultured in tissue culture plates with alpha MEM including 10% FBS, 100U/mL penicillin and 100ug/mL streptomycin, and recombinant murine 1000U/mL M-CSF or 25ng/mL GM-CSF (Peprotech). After 24 hours, non-adherent cells were transferred to Petri dishes and cultured for 3 days. On day 4, adherent cells were given fresh media including either 1000U/mL M-CSF or 25ng/mL GM-CSF. On day 7, adherent cells were harvested as mature macrophages. BMMs cultured with M-CSF or GMCSF were termed M-BMMs or GM-BMMs respectively. **(B)** Representative dot plots from four experiments showing expression of CD45 and F4/80 on M-BMMs and GM-BMMs. **(C)** Representative histograms from four experiments showing expression of CD11b and CD11c on M-BMMs or GM-BMMs within the CD45+F4/80+ gate. **(D)** Geometric mean fluorescence intensities of CD11b and CD11c on M-BMMs and GM-BMMs (n = 4 in each cell type from four experiments). All data show mean ± SEM. *, $P < 0.05$; **, $P < 0.01$ (Student's t test).