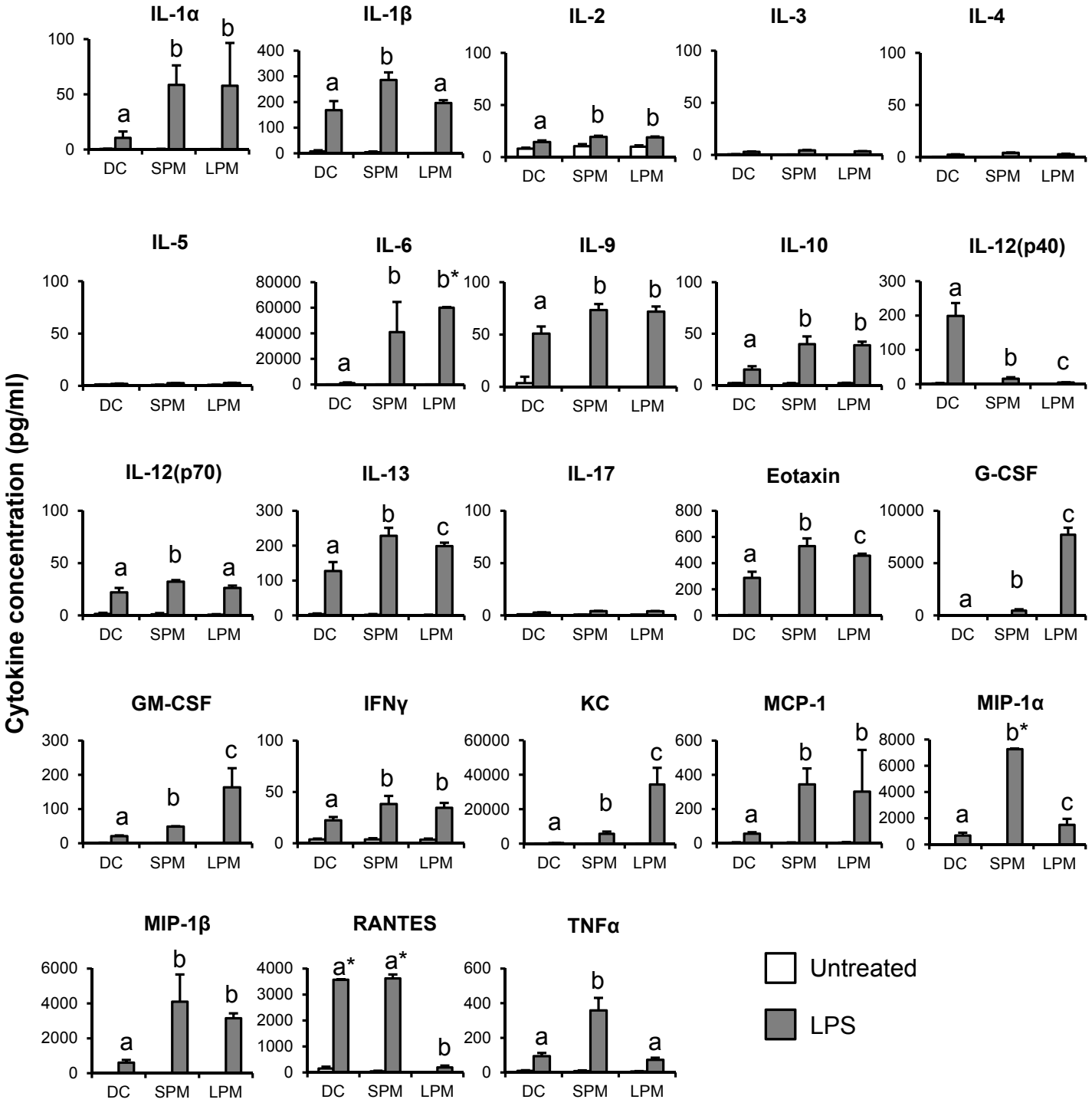
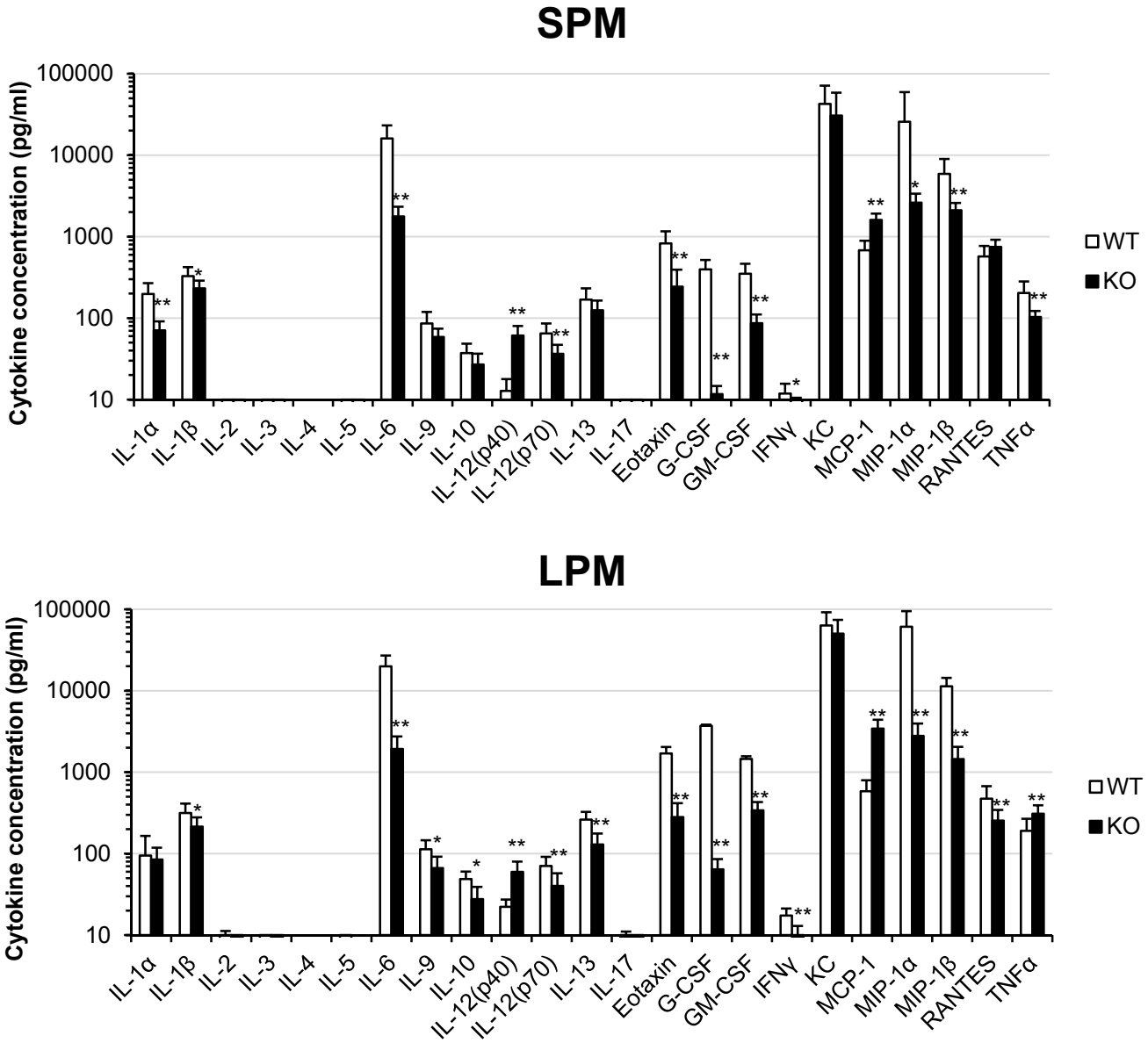
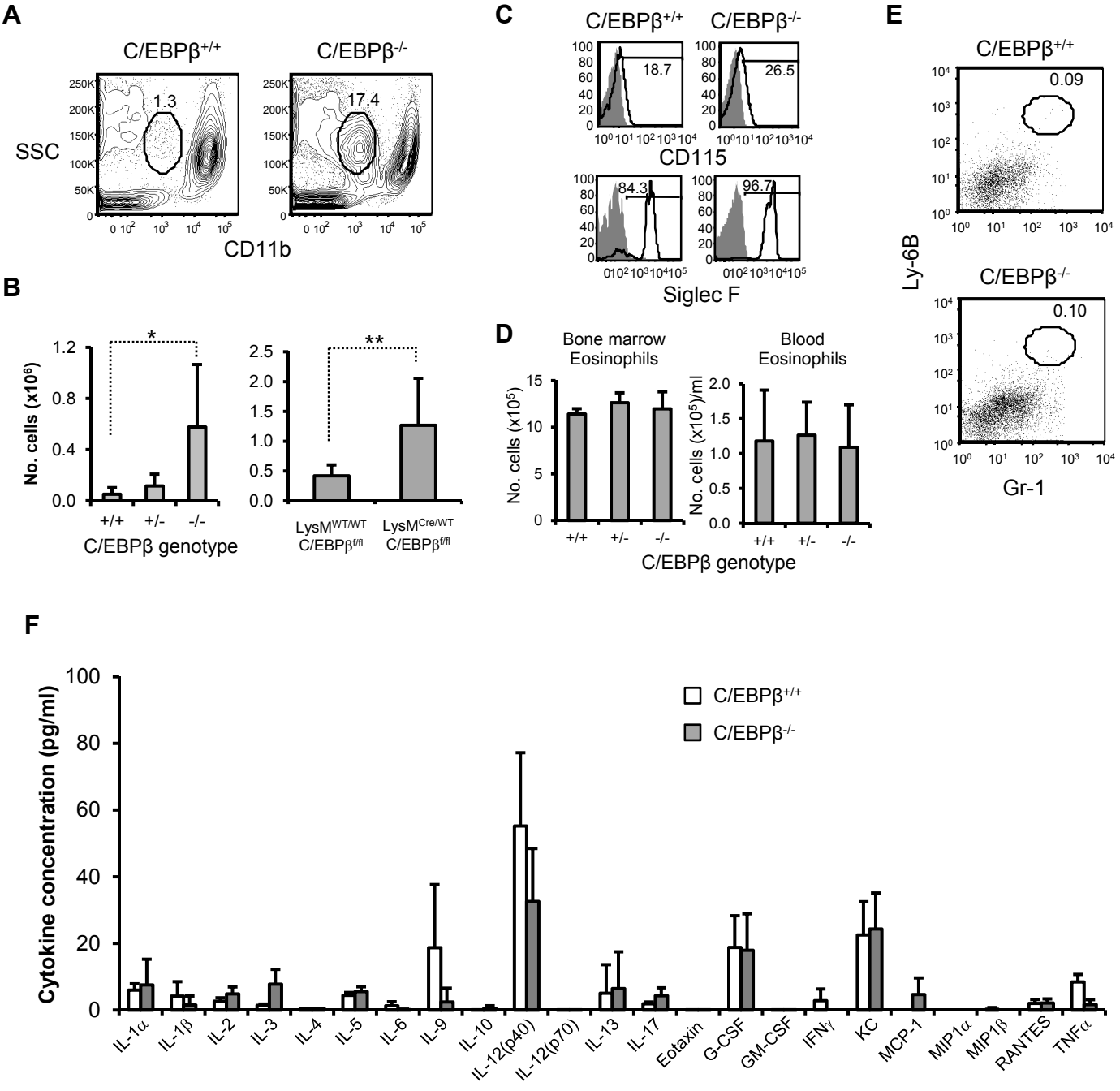


Supplemental Figure 1: Cytokine profiles of SPM, LPM, and DC following *in vitro* exposure to LPS. SPM, LPM, and DC were sorted from peritoneal lavages of C57BL/6 mice and then stimulated overnight with LPS. Supernatants were analyzed for cytokines using a multiplex cytokine array. The mean+SD concentration of each cytokine is shown (n=3-7 per cohort). Statistical significance between LPS-treated cohorts is designated by letters above each bar; cohorts exhibiting significant differences ($P<0.05$) bear different letter designations. In cohorts labeled with an asterisk, some or all of the samples gave readings that exceeded the range of the standard curve; for these samples, the maximum value of the standard curve was used.

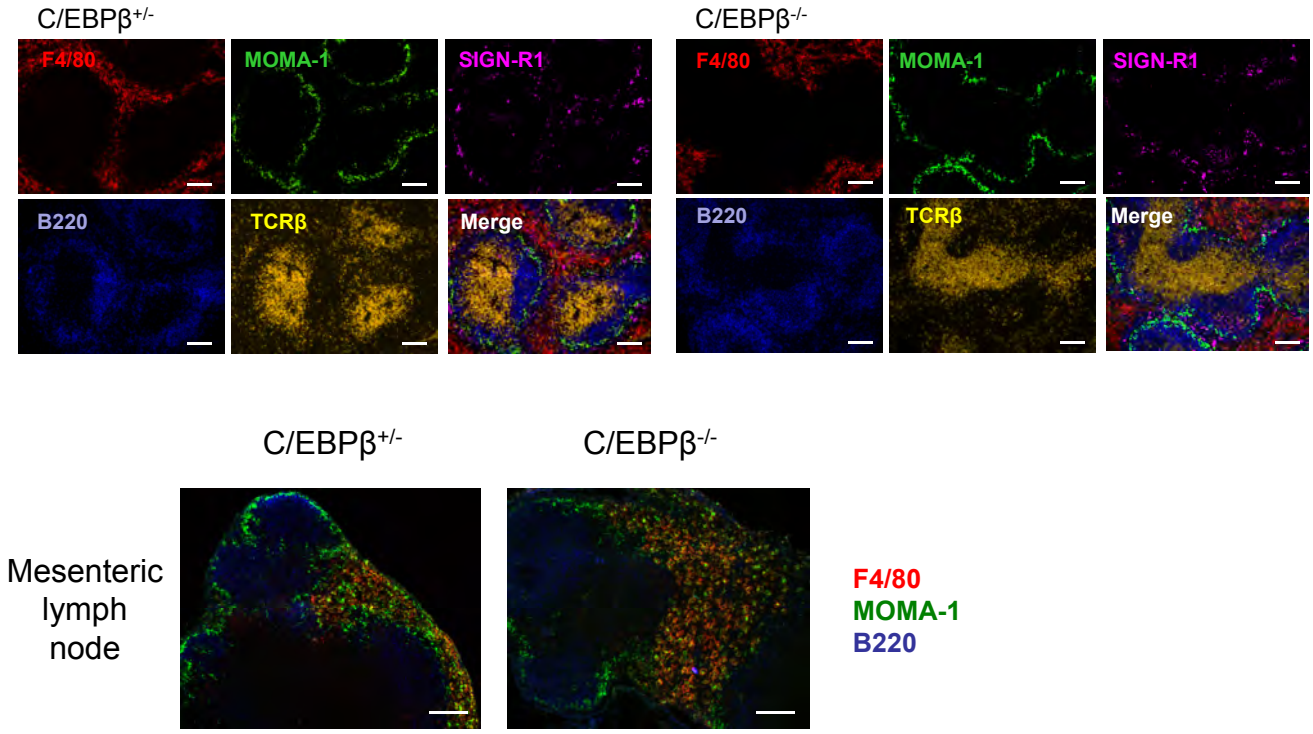
Supplemental Figure 1: Cain et al.



Supplemental Figure 2: Cytokine profiles of peritoneal macrophages of C/EBPβ$^{+/+}$ and C/EBPβ$^{-/-}$ mice following *in vitro* treatment with LPS. IgM^{-}CD11c^{-}CD11b^{hi}SSC^{hi}MHCII^{hi} cells ("SPM") and IgM^{-}CD11c^{-}CD11b^{hi}SSC^{hi}MHCII^{low} cells ("LPM") were sorted from peritoneal lavages of C/EBPβ$^{+/+}$ (open bars) and C/EBPβ$^{-/-}$ (closed bars) mice and then stimulated overnight with LPS. Supernatants were analyzed for cytokines using a multiplex cytokine array. The mean±SD concentration of each cytokine is shown (n=4 per cohort). * P≤0.05, ** P≤0.01.



Supplemental Figure 3. Peritoneal eosinophilia but minimal inflammation in naïve C/EBPβ$^{-/-}$ mice. (A) Representative CD11b/SSC plots of IgM^{-}CD11c^{-} cells in C/EBPβ$^{+/+}$ and C/EBPβ$^{-/-}$ mice. (B) The mean(±SD) numbers of IgM^{-}CD11c^{-}CD11b^{int}SSC^{hi} cells in C/EBPβ$^{+/+}$, C/EBPβ$^{+/-}$, and C/EBPβ$^{-/-}$ mice (left panel) and in LysM$^{WT/WT}$C/EBPβ$^{fl/fl}$ and LysM$^{Cre/WT}$C/EBPβ$^{fl/fl}$ mice (right panel). * P≤0.05, ** P≤0.01. (C) Isotype control (gray histograms) *vs.* CD115 and Siglec F staining (open histograms) of IgM^{-}CD11c^{-}CD11b^{int}SSC^{hi} cells in C/EBPβ$^{+/+}$ and C/EBPβ$^{-/-}$ mice. (D) Mean(±SD) numbers of Lyg6^{-}CD11b+SSC^{hi} eosinophils in the bone marrow (2 femurs+2 tibiae) and blood of C/EBPβ$^{+/+}$, C/EBPβ$^{+/-}$, and C/EBPβ$^{-/-}$ mice. n≥4 mice per genotype. (E) C/EBPβ$^{+/+}$ and C/EBPβ$^{-/-}$ mice were analyzed for peritoneal neutrophils and inflammatory monocytes (Gr-1^{+}Ly-6B^{+} cells) by FACS. Data are representative of 4 independent experiments, n=3-7 mice. (F) The mean(±SD) concentrations of 23 cytokines in the sera of C/EBPβ$^{+/+}$ and C/EBPβ$^{-/-}$ mice are shown. Data represent one experiment, n=3 mice per genotype.



Supplemental Figure 4. Histological analysis of macrophage compartments in the spleen and mesenteric lymph nodes of C/EBPβ$^{-/-}$ mice. (A) Spleen sections from C/EBPβ-sufficient and deficient mice were stained for F4/80 (red), MOMA-1 (green), SIGN-R1 (pink), B220 (blue), and TCRβ (yellow). (B) Sections of mesenteric lymph nodes from C/EBPβ-sufficient and deficient mice were stained for F4/80 (red), MOMA-1 (green), and B220 (blue). Scale bar = 100 μm.