



**Supplementary Figure S1.** Gating strategy for the flow cytometric analysis of myeloid populations in mouse ear. Cell suspensions were prepared from individual ears of BALB/c mice inoculated with PBS (“PBS” group) or sensitized with SGE (“SGE” group) followed by exposure to the bites of 5 female mosquitoes, as described in Material and Methods. The ears of naïve mice were included as a steady-state condition. The cells were stained with fluorochrome-conjugated antibodies against murine CD45, CD11b, CD11c, MHC class II (I-A/I-E), Ly6C, Ly6G, CD64, Siglec-F, CD117 and FcεRI to determine the major populations indicated in the figure.