

SUPPLEMENTARY MATERIAL

The figure legend below refers to the files attached individually (Supplementary Figure S1a-c). All files are QuickTime movies and are labeled with their corresponding figure number.

Supplementary Figure S1. MRSA induces calcium fluxes in THP-1s. Calcium fluxes were measured by fluorescence activation. THP-1s loaded with AM/Flo-4 1mM and PowerLoad concentrate 1mM 2 hours prior to stimulation with (a) MRSA (MOI 100) alone, (b) pretreated with BAPTA (6 μ M) then MRSA (MOI 100), or (c) media alone followed by thapsigargin (1 μ M) (T) as a positive control. All videos were made from images taken every 15 seconds over 20 minutes on an inverted microscope with a GFP mercury laser.

Supplementary Figure S2. Neutralization of IL-16 does not change recruited cellular populations. Anti-IL-16 antibody or IgG isotype control was injected i.p. (100 μ g) 2 hours prior to infection with 10^7 cfu MRSA. (a,f) Neutrophils (PMNs) (Ly6G⁺/MHCII⁻), (b,g) Macrophages (CD11c⁺/MHCII^{low-mid}), (c,h) Dendritic cells (DCs) (CD11c⁺/MHCII^{high}), (d,i) Natural killer cells (NK 1.1⁺) and (e,j) CD4⁺ cells in the BALF and lung homogenate respectively were enumerated by FACS. Each dot represents an individual mouse and is compiled from 2 independent experiments. Lines represent median values.

Supplemental Figure S2

