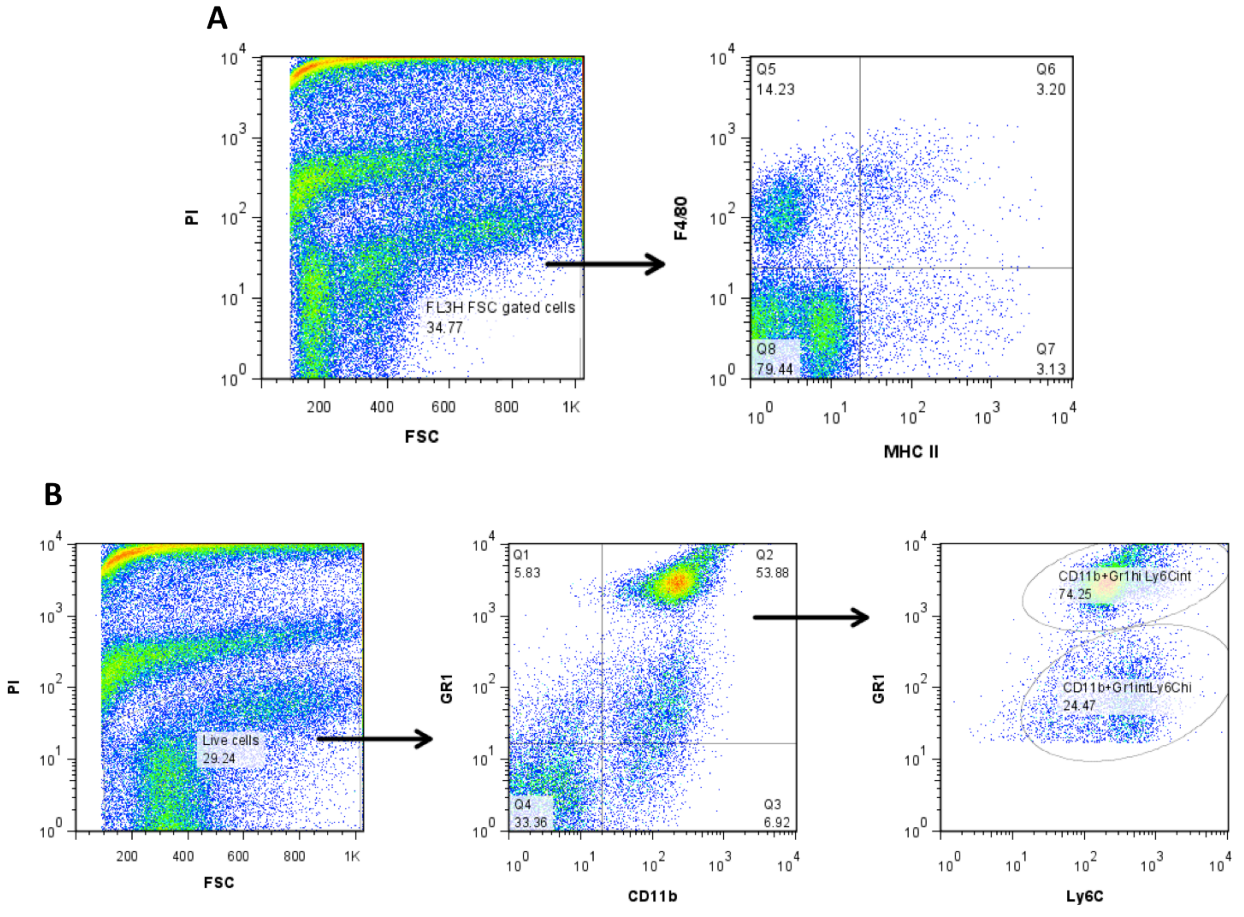
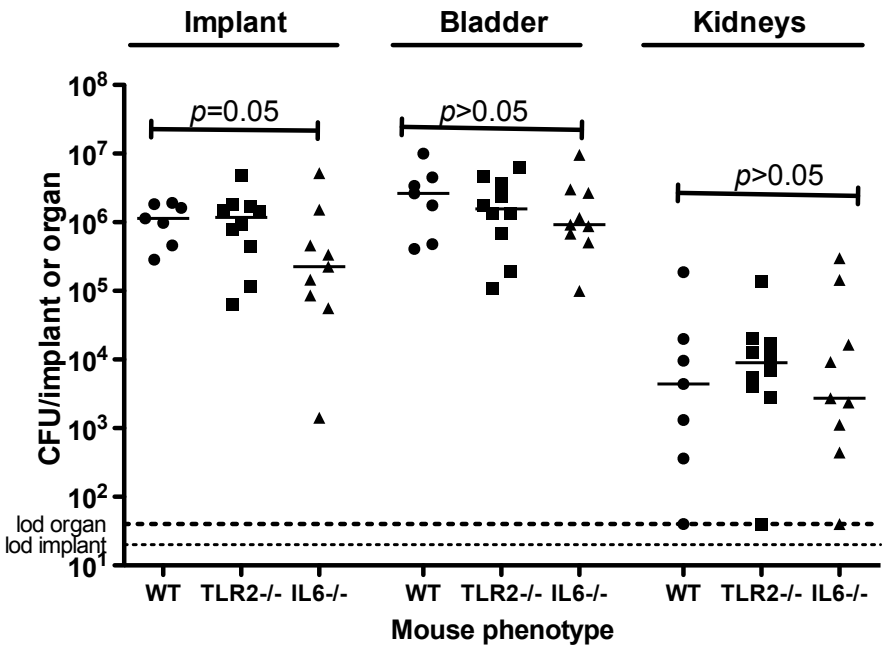
Supplemental materials



S1. Illustration of gating strategy.

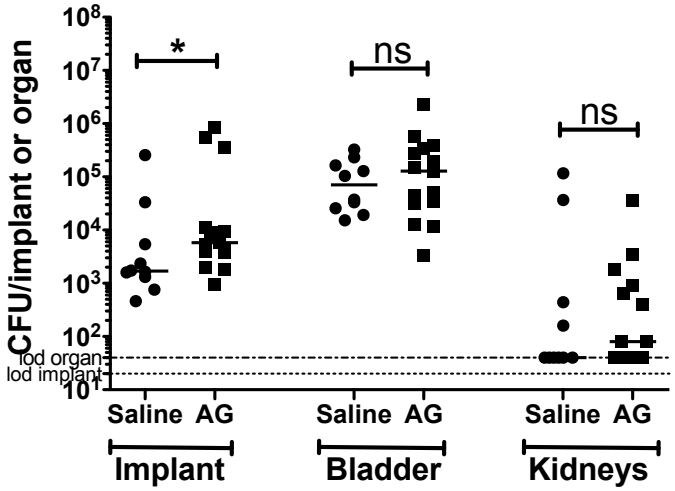
In this particular example, single cell bladder suspensions were obtained as described in the Materials and Methods from implanted animals infected with OG1RF for 24h. Staining of surface markers was performed in FcR block with fluorochrome-conjugated monoclonal antibodies (mAbs). Cells were counterstained with propidium iodide (PI) prior to flow cytometry and only live (PI low) cells were included in the analysis. To specifically characterize the immune infiltrates, specific combinations of mAbs were chosen which distinguish monocytes/macrophages ($F4/80^{+}$) and granulocytes ($CD11b^{+}Gr1^{hi}Ly6G^{hi}Ly6C^{lo}$). Activation

status was determined using specific mAbs for MHC-II. Samples were acquired on a FACScalibur (BD Biosciences) and data were analyzed using FlowJo software (version 7.6.4).



S2. Defects in IL6 and TLR2 do not alter *E. faecalis* uropathogenesis.

Graph represents OG1RF titers at 24hpi from retrieved implants, homogenized bladders, and kidneys of WT, TLR-2- and IL-6- deficient mice. The horizontal bars indicate the median of each dataset from at least two independent experiments with n=5/condition/experiment. The horizontal dashed lines represent the limit of detection (lod). *p* values determined by the Mann Whitney U test.



S3. Inhibition of inducible nitric oxide synthase (iNOS) enhances *E. faecalis* colonization of implants.

Graph represents OG1RF titers at 6hpi from retrieved implants, homogenized bladders, and kidneys of C57Bl6/Ncr mice treated with aminoguanidine (200mg/kg i.p.) 30min prior to implantation and 3h post implantation and bacterial challenge. The horizontal bars indicate the median of each dataset from two independent experiments with n=5/condition/experiment. The horizontal dashed lines represent the limit of detection (lod). *p* values determined by the Mann Whitney U test, *$p<0.05$, ns represents $p>0.05$.