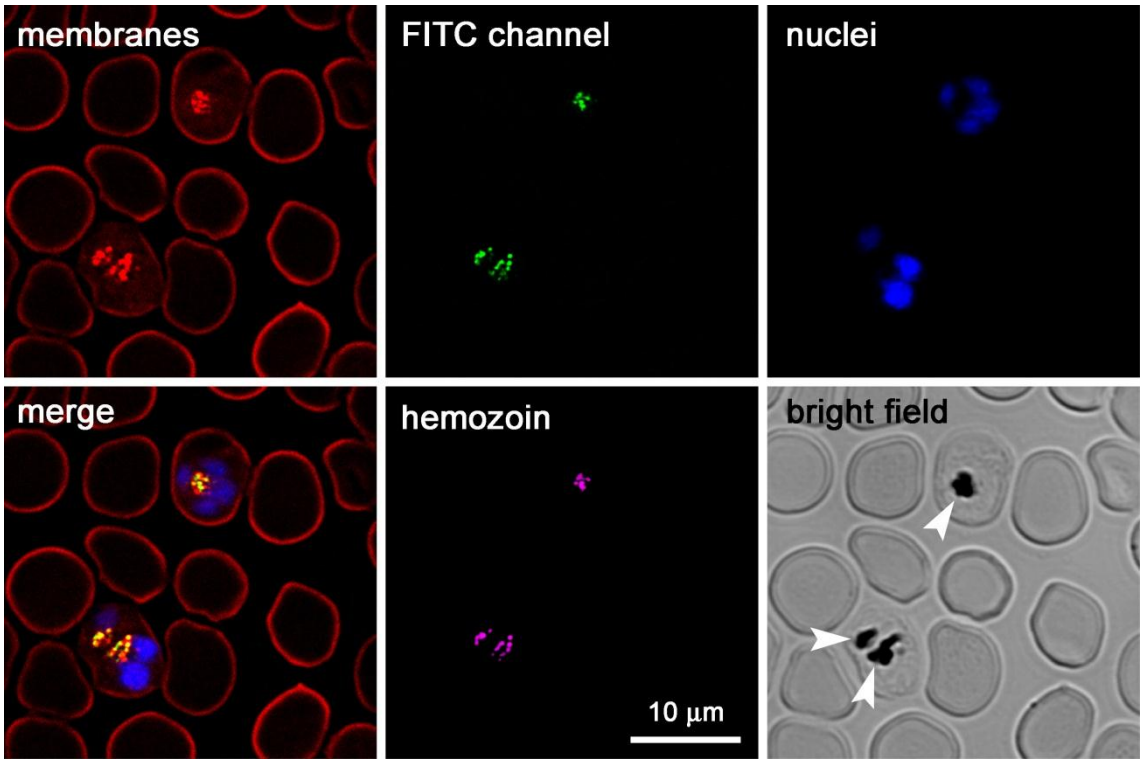
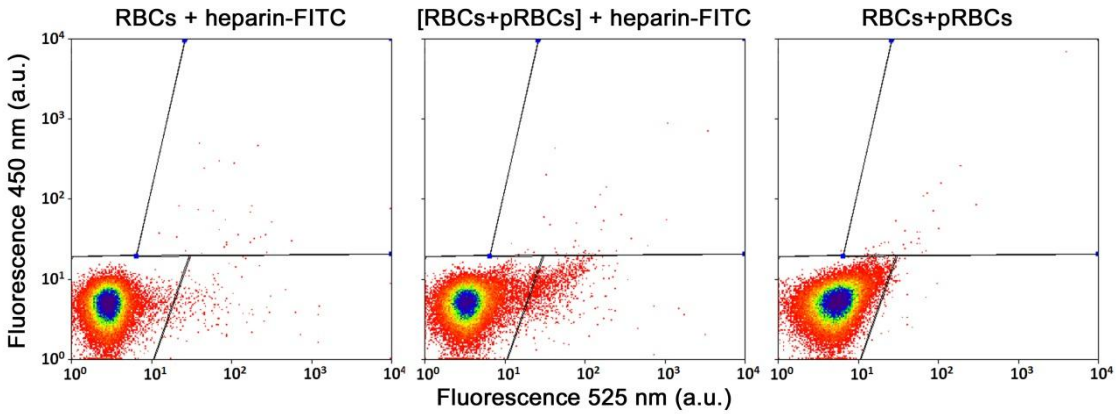


Supplementary Figure 1. Confocal fluorescence microscopy control of the absence of cross-reactivity of DAPI with FITC. In the absence of heparin-FITC, emission could be observed in the FITC channel only at a very high laser intensity, well above that used for heparin detection. This emission was due to reflection of the laser beam by hemozoin crystals and was not colocalizing with DAPI stain. In every experiment it was routinely checked that at the used laser intensities hemozoin reflection was not being collected in the FITC channel. Erythrocyte membranes were stained with WGA (red), *Plasmodium* nuclei with DAPI (blue), and hemozoin was detected by collecting the reflection of the 488 laser line at 480–500 nm. Arrowheads in the bright field image indicate hemozoin crystals inside pRBCs.



Supplementary Figure 2. FACS control of the binding of heparin to pRBCs in the absence of Hoechst staining.