

Figure S1 Confocal micrographs of CHO cells after treatment with (A) endocytotic liposomes and (B) fusogenic liposomes. The micrographs represent overlays of phase contrast, green and red fluorescent channels. After incubation of CHO cells with endocytotic liposomes, the particles were partially internalized by cells, as well as adhered to the glass substrate. Both liposomes contained the same high concentration of BODIPY FL tracer (see the overlapping yellow signal). When cells were incubated with fusogenic liposomes loaded with the same amount of BODIPY FL, their plasma membranes were stained instead of their endosomes. The stained membrane was clearly imaged in the green fluorescent channel as an indicator for dye concentration reduction while the non-internalized liposomes on the glass surface emitted in both green and red channels with the same signal intensities indicating high concentration of BODIPY FL. Scale bars, 20 m.