S3 Fig. Effect of cell pre-conditioning of medium on NPs size. 80 nm Rubipy-SiO$_2$ NPs were suspended at 1 mg/ml in H$_2$O (left) or in cell pre-conditioned A549 medium (right) for 1 hour and the scanning electron microscopy images were prepared. The average diameter was calculated with Image J on basis of at least 100 particles. Scale bar: 2 µm.