

Supplementary information

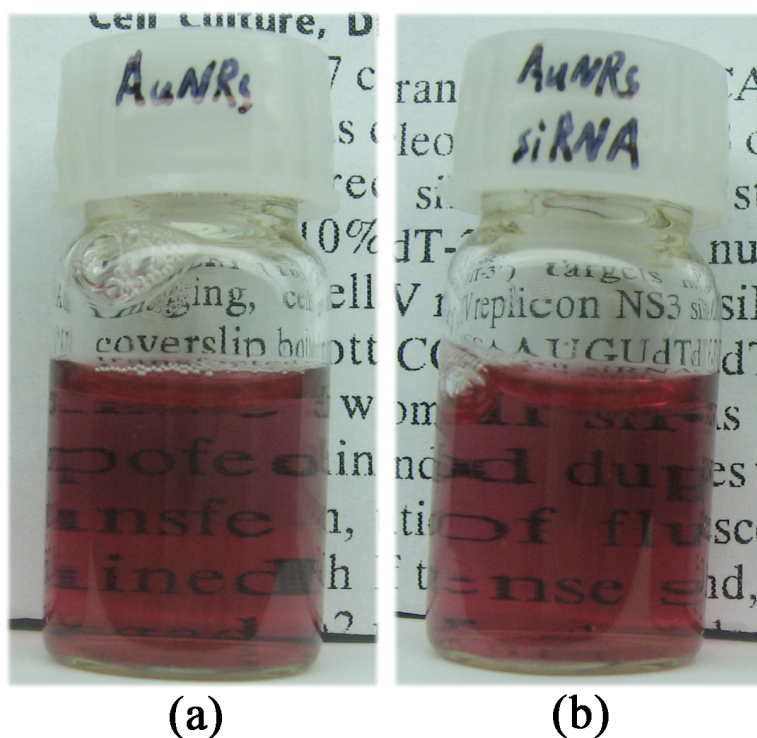


Fig. S1 AuNRs (a) and AuNRs@PAR-1 siRNA (b) dispersed in serum containing medium (SCF).

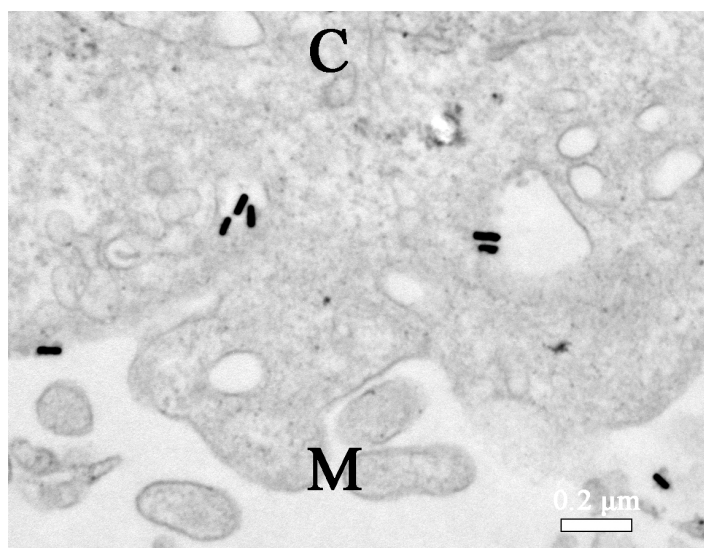


Fig. S2 AuNRs was taken up by MDA-MB-231 cells after 10 minutes incubation. (C-cytoplasm, M-cytoplasmic membrane)

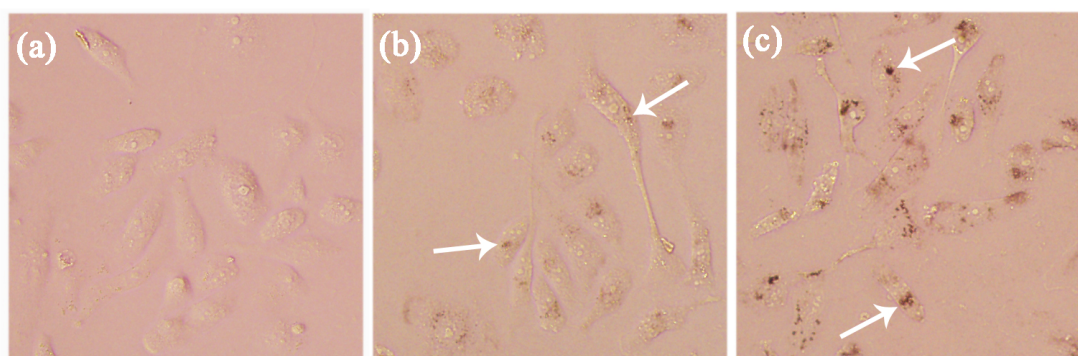


Fig. S3 Common microscopic images of MDA-MB-231 cells after a 48-hours incubation with : (a) no AuNRs, (b) AuNRs@PAR-1 siRNA (17) and (c) AuNRs@PAR-1 siRNA (10). The white arrows point the AuNRs.

<i>atomic ratio</i> <i>AuNRs type</i>	N/Au	O/Au
AuNRs	0.37	1.08
AuNRs@ PAR-1 siRNA	0.62	1.25

Table. S1 Surface analysis of XPS for AuNRs@PAR-1 siRNA.