

Supplementary information

Loading and release of fluorescent oligoarginine peptides into/from pH-responsive anionic supramolecular nanoparticles

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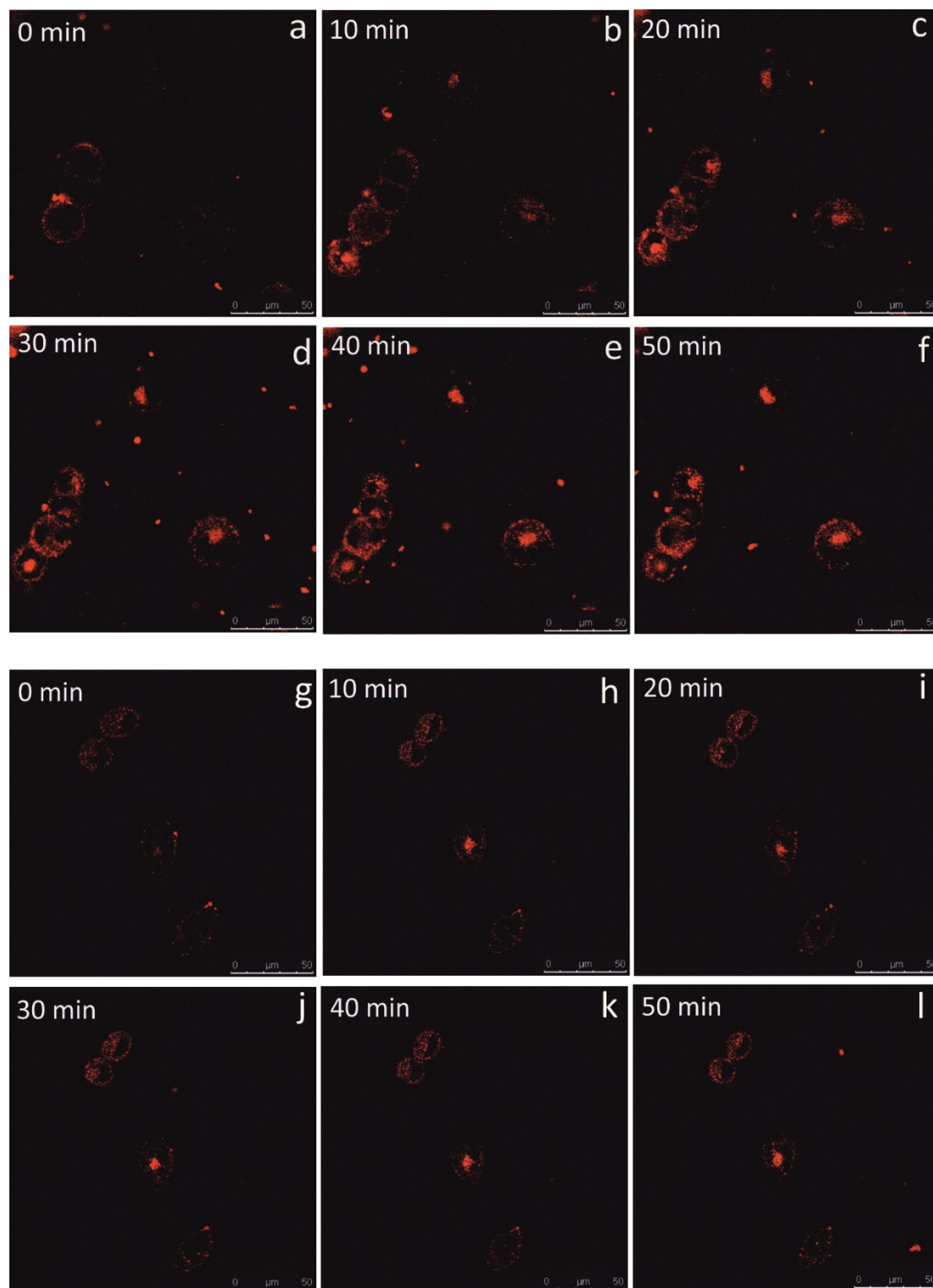


Fig. S-1 Fluorescence imaging over time of Arg₄Cy5 (excitation at 633 nm and emission at 650-700 nm) administered to PC3 prostate cancer cells. Arg₄Cy5 (a-f) or Arg₄Cy5-SNP assemblies (g-l) in PBS were added to the cells by replacing the cell culture medium. The SNPs were composed of PiBMA-CD-RhB (0.16 μM CD, 0.05 μM RhB), PiBMA-CD (0.54 μM CD), and PiBMA-TBP (0.7 μM TBP). The concentration of Arg₄Cy5 was 19 μM.

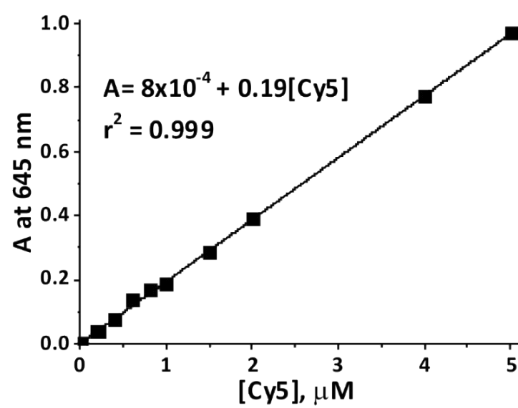


Fig. S-2 Calibration curve Cy5.