## **SUPPLEMENTAL DATA**

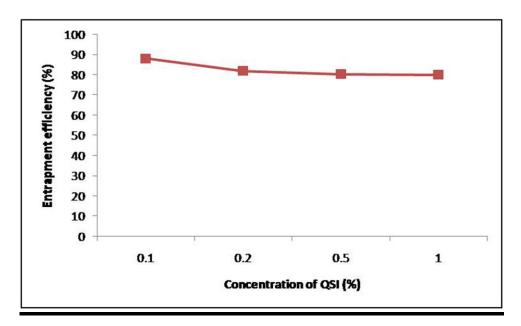
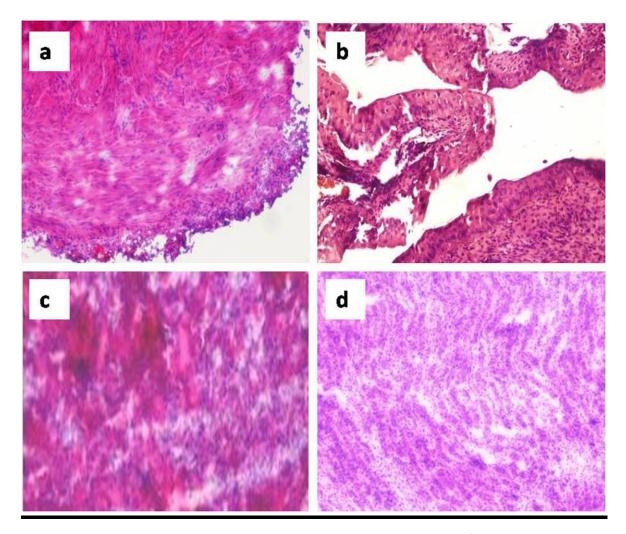


Figure S1. Entrapment efficiency of QSINPs with different concentration of QSI.



**Figure S2.** Qualitative screening images indicating QSI activity of NP formulation kept at different temperature conditions (a) after 2 months (b) after 4 months (c) after 8 months using *E. coli* MG4 reporter strain.



**Figure S3.** Photomicrographs (H & E) of bladder tissue of mice (a) on  $5^{th}$  day at 100X and (b) on  $10^{th}$  day at 400X (c) of renal tissue on  $5^{th}$  day at 100X and(d) on  $10^{th}$  day at 100X after administration with FITC tagged QSINPs for four days.