Supplementary Information

TEMPO-CNC-capped gold nanoparticles for colorimetric detection of pathogenic DNA

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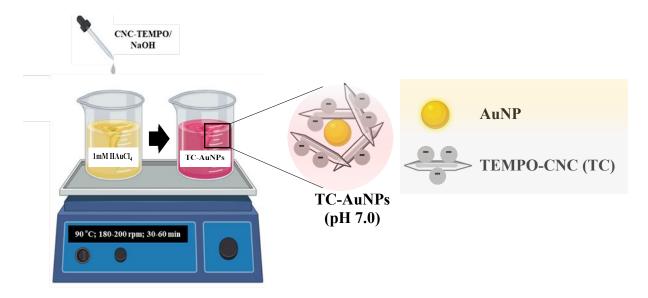


Figure S1. Schematic illustration of the synthesis of TC-AuNPs.

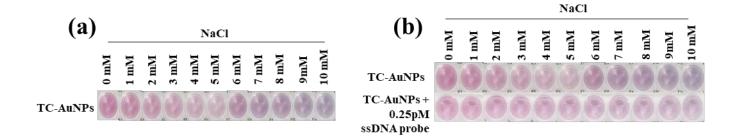


Figure S2. Aggregation pattern of TC-AuNPs at 0 sec. (a) With increasing NaCl concentrations, (b) in the presence of 0.25pM ssDNA probe.

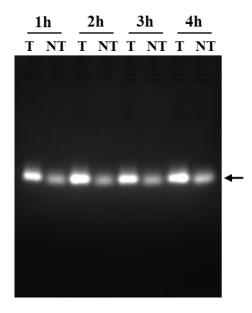


Figure S3. Agarose gel electrophoresis of hybridized DNA after indicated time intervals.

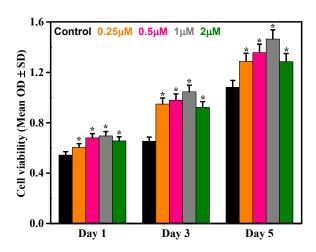


Figure S4. Cytotoxicity evaluation of hBMSCs in the presence of $0.25\mu\text{M}$, $0.5\mu\text{M}$, $1\mu\text{M}$, and $2\mu\text{M}$ of TC-AuNPs after indicated time intervals. Data are mean \pm SD of triplicated experiments, statistical significance at *p < 0.05.