

## Small molecule-decorated gold nanoparticles for preparing antibiofilm fabrics

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This SI includes the following contents: **Fig. S1-4, Table S1**

Table S1. The concentration of N\_Au NPs ( $\mu\text{g/ml}$ ) at different times of dilutions.

	AMBT_Au NPs	AMP_Au NPs	APA_Au NPs	ATT_Au NPs	MI_Au NPs
Initial Concentration	514.8	526.2	479.3	521.6	508.8
32 times dilution	16.08	16.44	14.97	16.30	15.90
64 times dilution	8.04	8.22	7.49	8.15	7.95

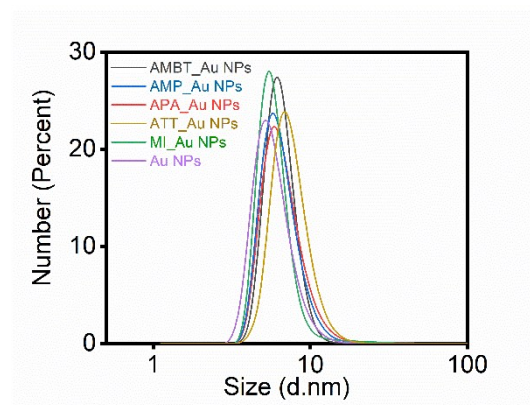


Fig. S1 DLS characterization of the size of N\_Au NPs.

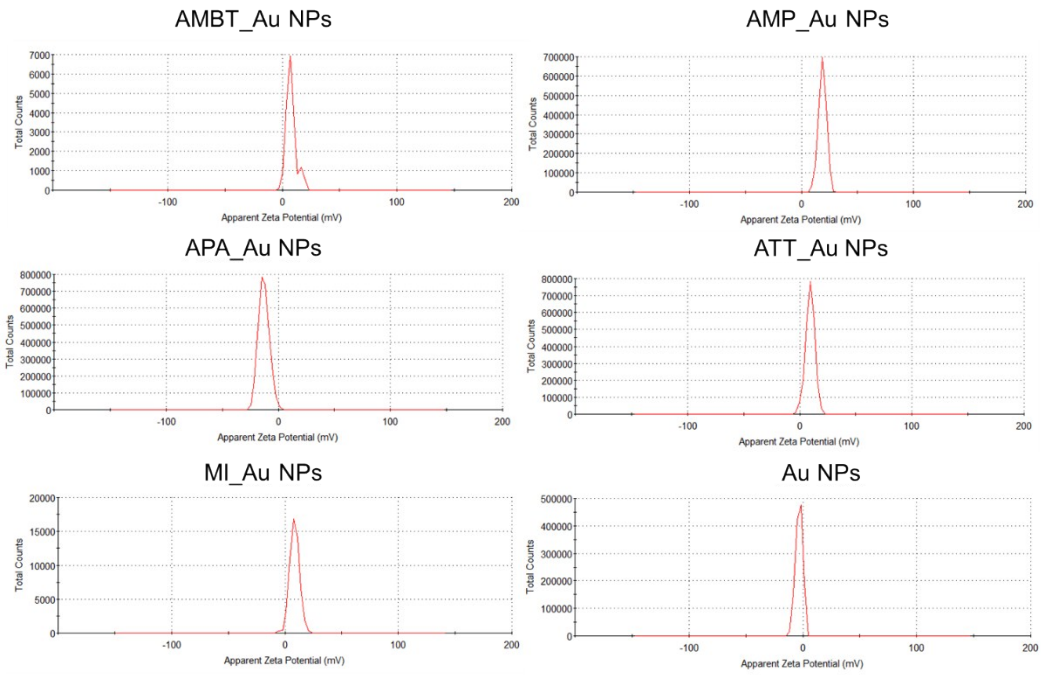


Fig. S2 Zeta potential of N\_Au NPs.

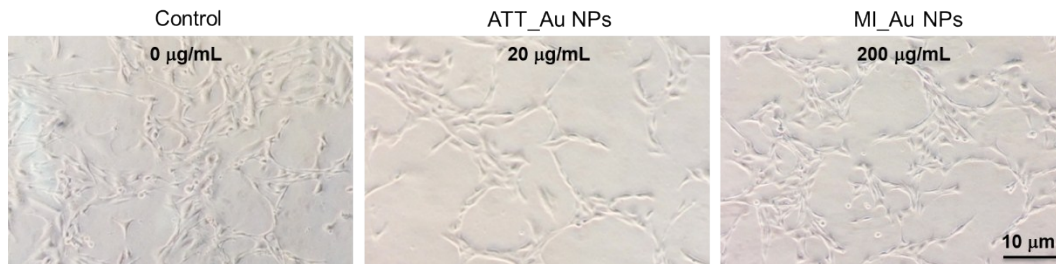


Fig.S3 Morphology of the HAFs incubated with ATT\_Au NPs and MI\_Au NPs. The assay without Au NPs is a control.

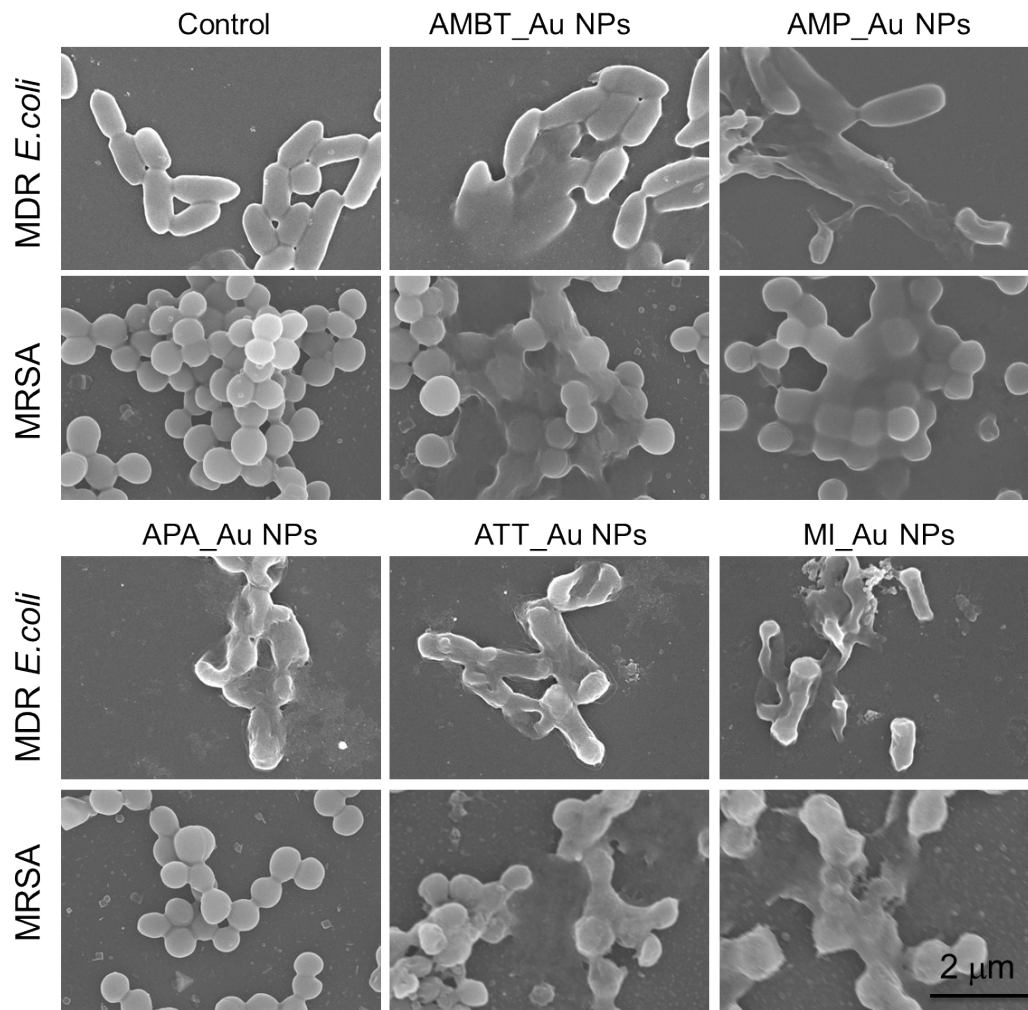


Fig. S4 Morphology of MDRE. coli and MRSA with and without N\_Au NPs treatment. Bacteria treated with phosphate buffer saline served as a negative control. Scale bar is 2  $\mu\text{m}$ .