

Supporting Information

Intracellular biogenic silver nanoparticles for the generation of carbon supported sustained bactericidal agents

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Fig. S1. The photos of bactericidal kinetics activity of **Sample 2** compared to control and **Sample 1**.

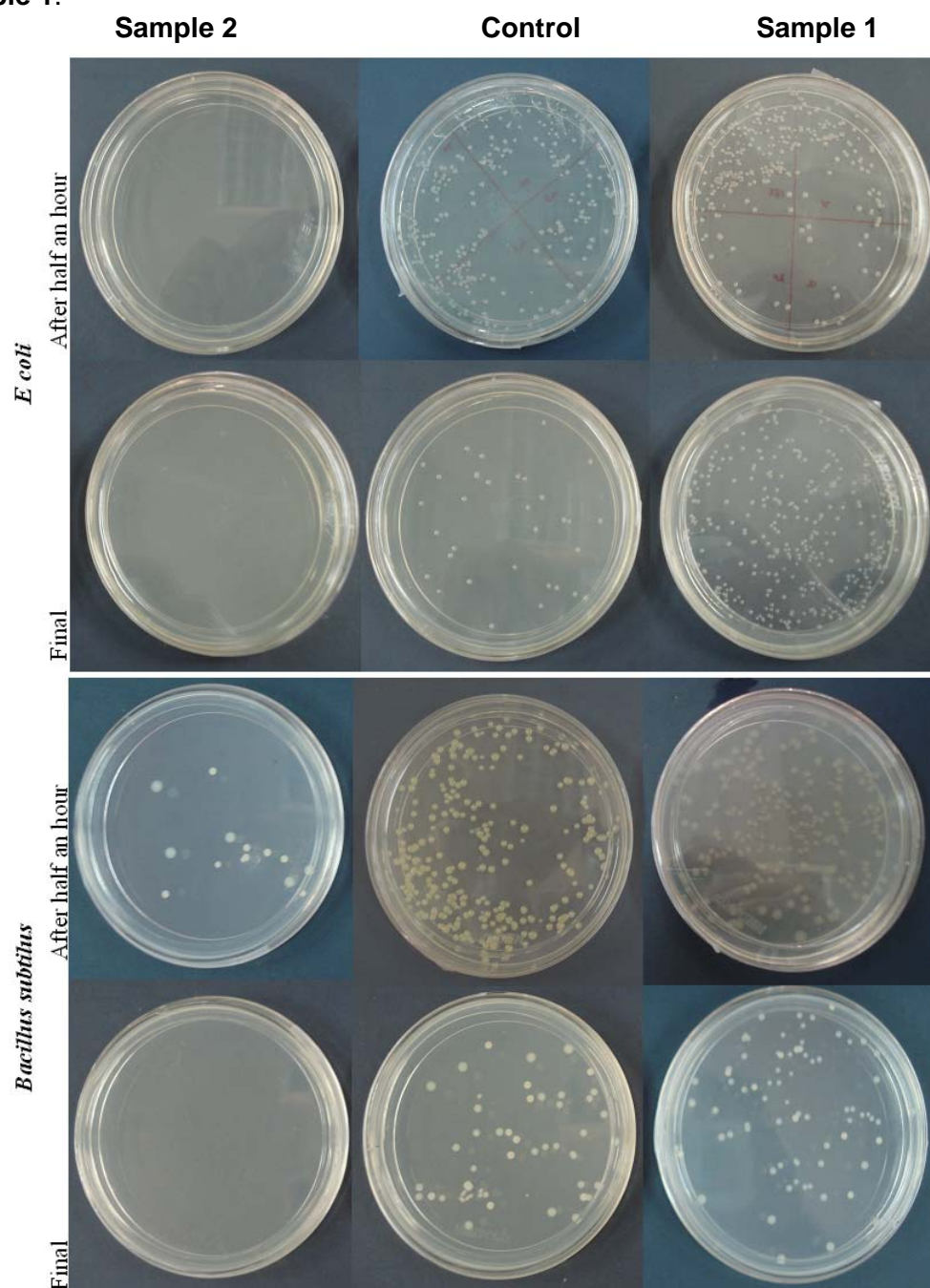
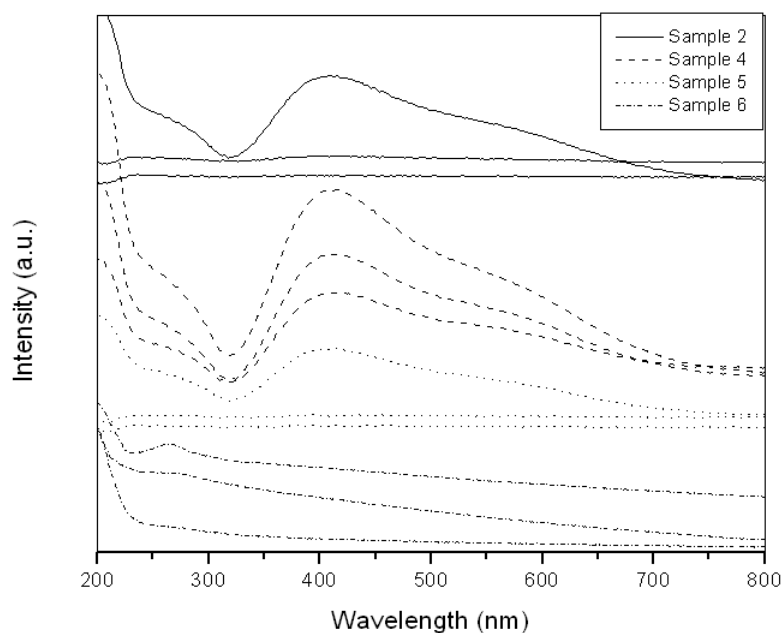


Fig. S2. The UV visible absorbance intensity of silver nanoparticles released on 5 min pulse sonication to **Sample 2, 4 and 5**. Curve 1, 2 and 3 indicates the supernatant absorbance after first, second and third sonication of the respective samples.



Note: The absorbance was insignificant before the sonication and hence not given here.

The absorbance values are vertically shifted for the sample alignment.

Table S1. The silver concentration of the supernatant released from **Sample 2, 4 and 5** on 5 min sonication in ppm.

	Sample 2	Sample 4	Sample 5	Sample 6
First sonication	35	66	19	18
Second sonication	1	63	1	2
Third sonication	1	50	1	2

Fig. S3. The photos of anti viral kinetics activity of **Sample 2** compared to control and **Sample 1**.

