

## **Supporting Information**

### **Antimicrobial silver nanoclusters bearing biocompatible phosphorylcholine based zwitterionic protects**

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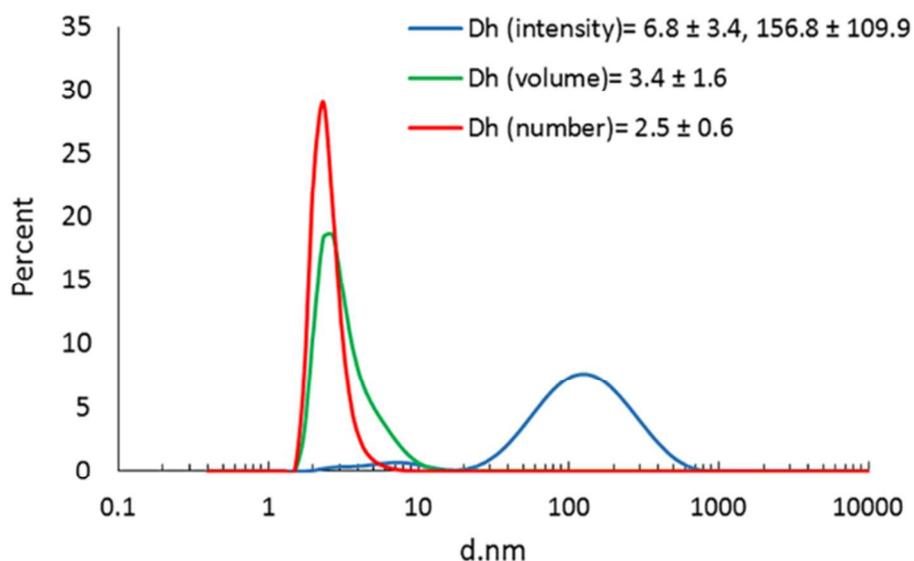
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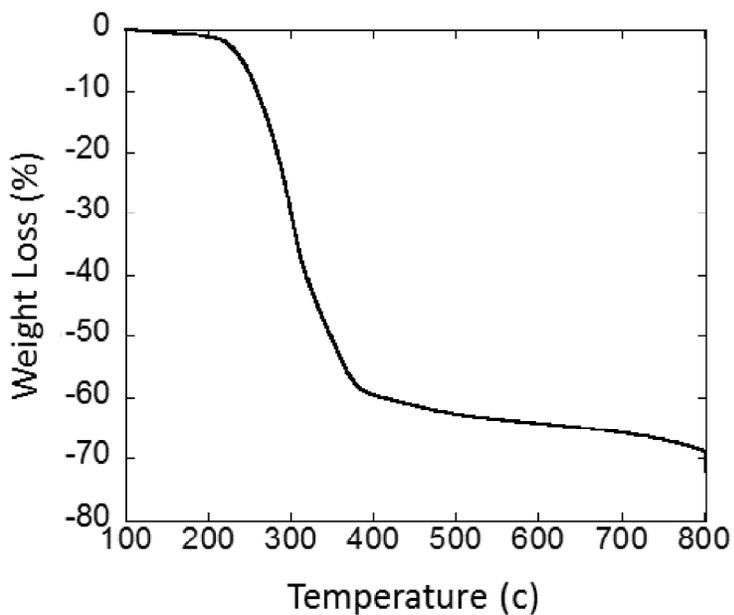
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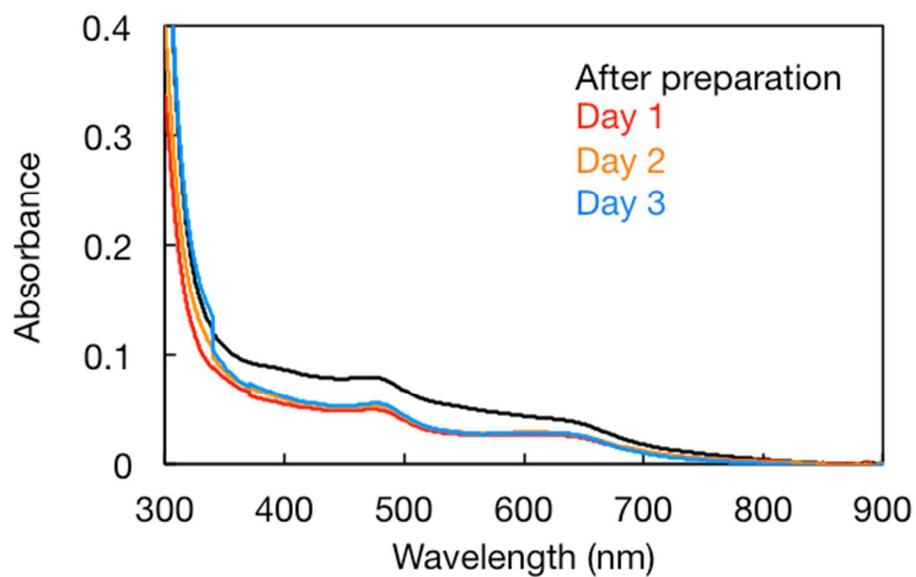
\*Corresponding author



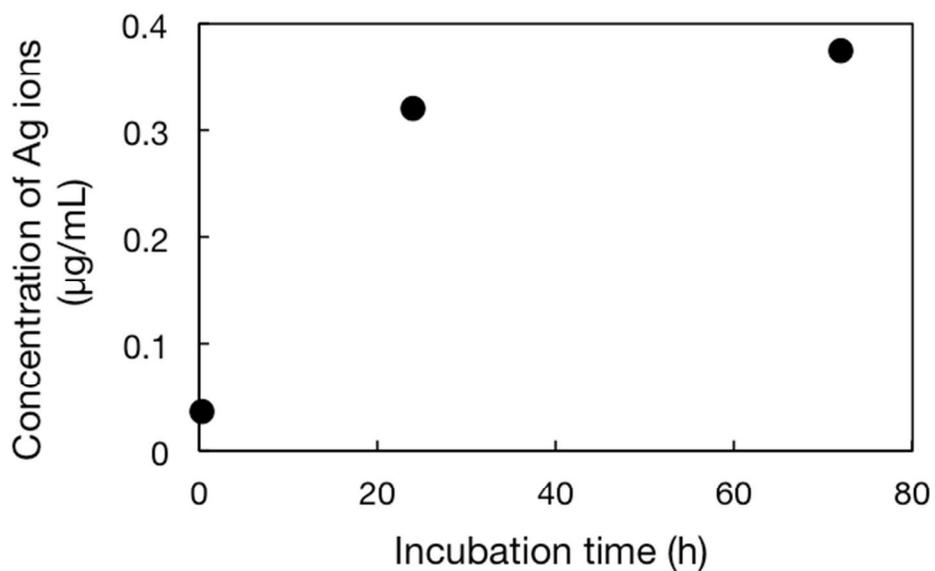
**Figure S1** Characterization of MPC-AgNPs (Ag:MPC-SH = 1:2.5) by DLS; DLS histograms of intensity-averaged (Dh (intensity)), volume-averaged (Dh (volume)), number-averaged hydrodynamic diameters (Dh (number))



**Figure S2** TGA of PC-AgNCs (Ag:PC-SH = 1:2.5)



**Figure S3** UV-Vis absorption spectra of PC-AgNCs suspension prepared in water



**Figure S4.** Change in the concentrations of silver ions released from PC-AgNCs (Ag:PC-SH = 1:2.5) into an aqueous medium as a function of the incubation time.