

Supporting information

Relationship between dissolution behavior and toxicity of silver nanoparticles on zebrafish embryo in different ionic environments

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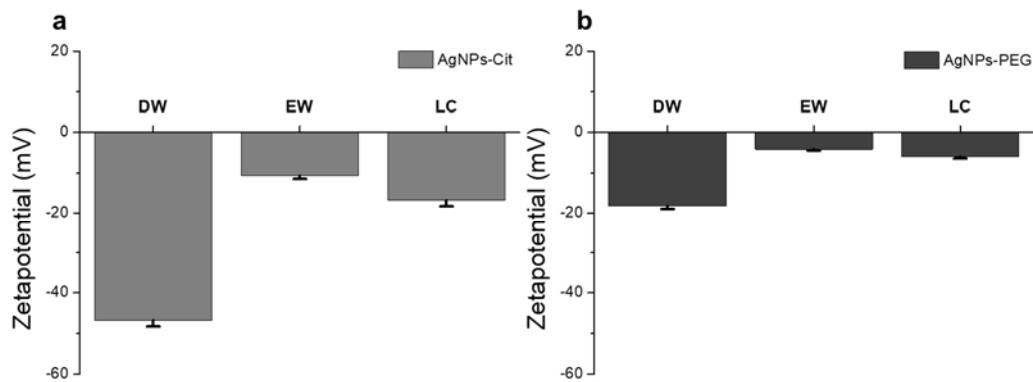


Figure S1. Zeta potential of AgNPs-Cit (a) and AgNPs-PEG in distilled water (DW), E3 egg water (EW), and low chloride (LC) medium. The particles were consistently dispersed at same concentration (5 $\mu\text{g/mL}$) in each medium.

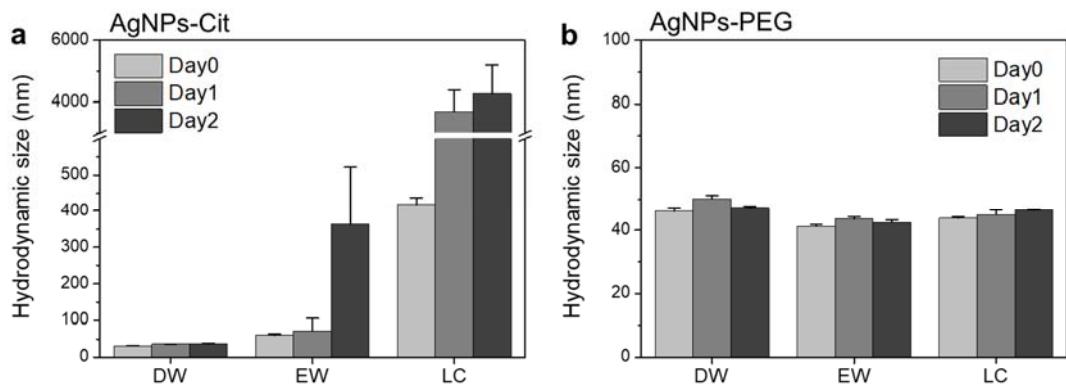


Figure S2. Hydrodynamic size of citrate-stabilized (a) AgNPs-Cit and (b) AgNPs-PEG in DW, EW, and LC medium. The particles were consistently dispersed at same concentration (5 μ g/mL) in each medium.

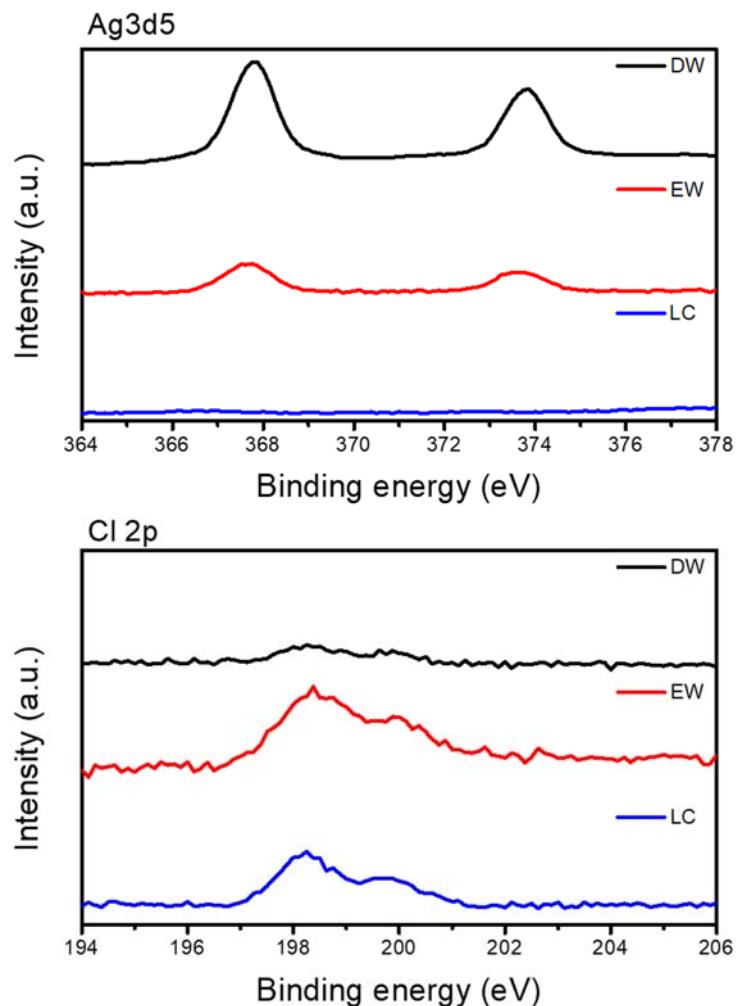


Figure S3. XPS analysis of AgNPs-Cit in different medium (DW, EW, and LC) after 1 day.

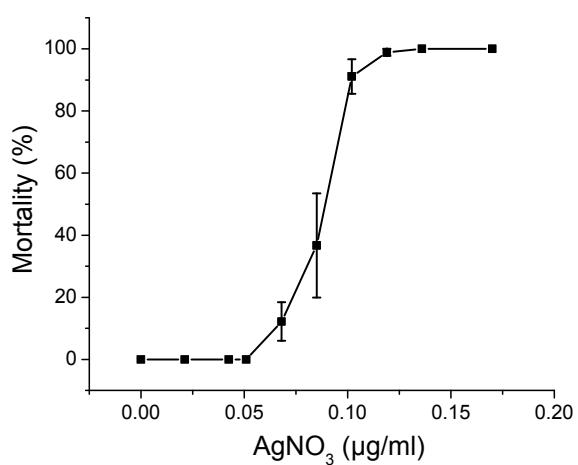


Figure S4. Mortality of AgNO_3 -treated zebrafish embryos in LC medium.