Electronic Supplementary Material (ESI) for Nanoscale

Gellan gum capped silver nanoparticle dispersions and hydrogels: cytotoxicity and *in vitro* diffusion studies

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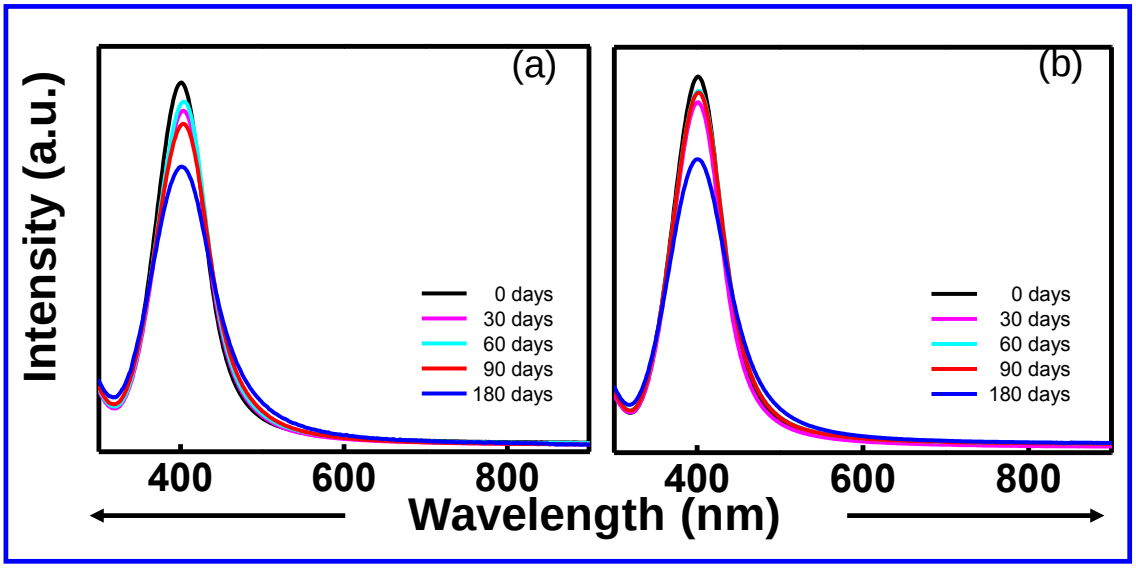

Fig. ESI-1. Stability study of gellan gum (0.02% w/v) reduced silver nanoparticles, t = 6 months. (a) 25°C/65% RH (room temperature) and (b) 2-8°C (refrigerated).

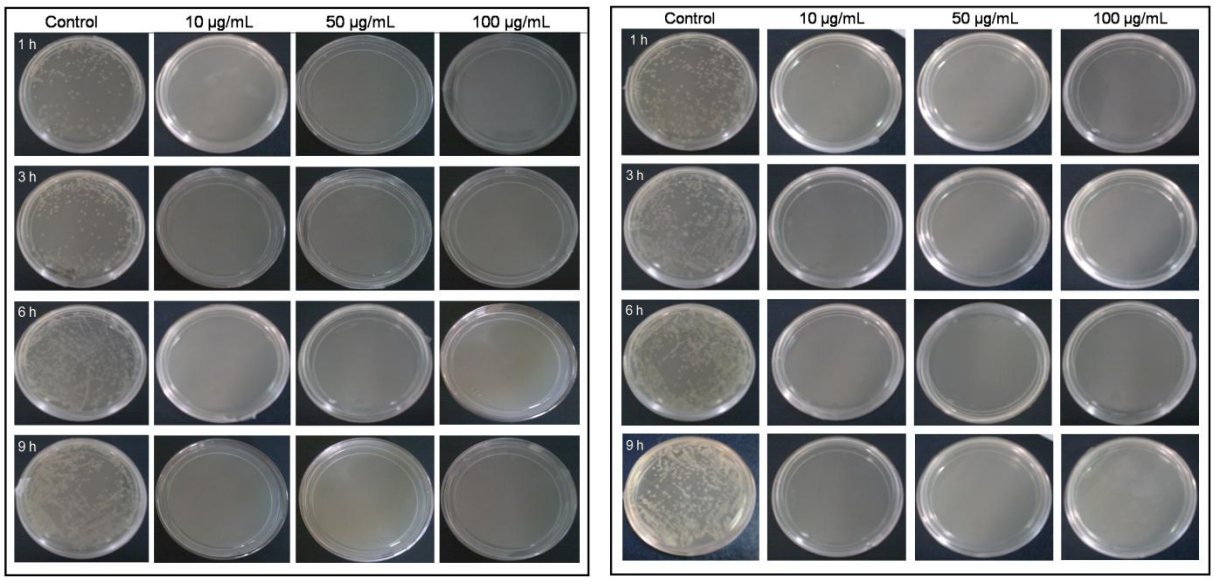

Fig. ESI-2. (A) Luria-Agar plates showing antibacterial activity of different concentrations of AgNPs (10 µg/mL, 50 µg/mL and 100 µg/mL) against (A) *B. subtilis* and (B) *E. Coli* at different time intervals.