## Supporting information for: Extracellular conversion of silver ions into silver nanoparticles by protozoan *Tetrahymena thermophila*

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**Fig. S1** SEM micrograph (backscattered electron imaging mode) of silver nanoparticles formed after 24-h reaction of  $AgNO_3$  (108 mg Ag/L added at time zero) with soluble extracellular fraction (SEF) of *T. thermophila*. The inset represents the spectrum of qualitative energy-dispersive X-ray spectrometry (EDS) analysis of the SEF-incubated AgNO<sub>3</sub>.

The light spots in the SEM micrograph are Ag NPs and agglomerates. AgNO<sub>3</sub> solution with no SEF added resulted in a uniform film (data not shown).