



**Figure S4.** Temporal changes in hydrodynamic diameter of 100  $\mu\text{M}$  AgNP-CTAB alone after the addition into liquid  $\frac{1}{2}$  strength MS medium; in the beginning of the measurement (A), after five minutes (B), after 30 minutes (C), and after four hours (D); after the addition of 500  $\mu\text{M}$  of cysteine (cys), in the beginning of the measurement (E), and after 30 minutes (F).