

Supplementary Information

Screening of Different *Fusarium* Species to Select Potential Species for the Synthesis of Silver Nanoparticles

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Table S1. List of ITS sequences of *Fusarium* species and their GeneBank accession numbers

| S. N. | <i>Fusarium</i> species | EMBL GeneBank accession No. |
|-------|-------------------------|-----------------------------|
| 1 | <i>F. semitectum</i> | FR851230 |
| 2 | <i>F. oxysporum</i> | FR851229 |
| 3 | <i>F. equiseti</i> | FR851233 |
| 4 | <i>F. acuminatum</i> | FR851231 |
| 5 | <i>F. proliferatum</i> | FR851236 |
| 6 | <i>F. moniliforme</i> | FR851235 |
| 7 | <i>F. tricinctum</i> | FR851237 |
| 8 | <i>F. graminearum</i> | FR851234 |
| 9 | <i>F. culmorum</i> | FR851232 |
| 10 | <i>F. solani</i> | FR878062 |
| 11 | <i>F. scirpi</i> | FR878061 |

S.N.: Serial Number

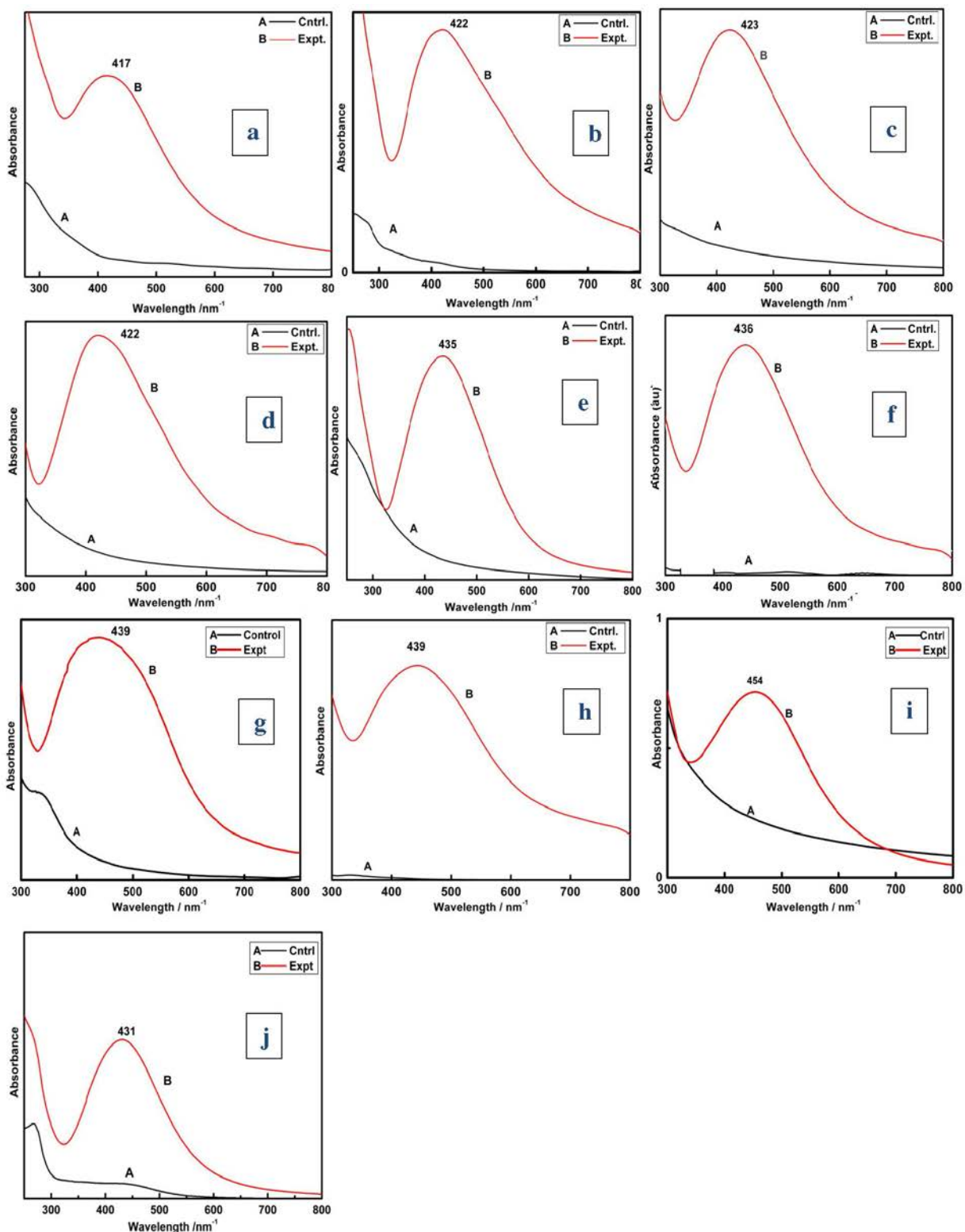


Figure S1. UV-Visible spectra recorded for 10 different *Fusarium* species (a. *F. graminearum*, b. *F. solani*, c. *F. culmorum*, d. *F. scirpi*, e. *F. tricinctum*, f. *F. acuminatum*, g. *F. semitectum*, h. *F. proliferatum*, i. *F. equiseti*, j. *F. moniliforme*). A- Cntrl (fungal filtrate), B- Expt (Fungal filtrate + AgNO_3).

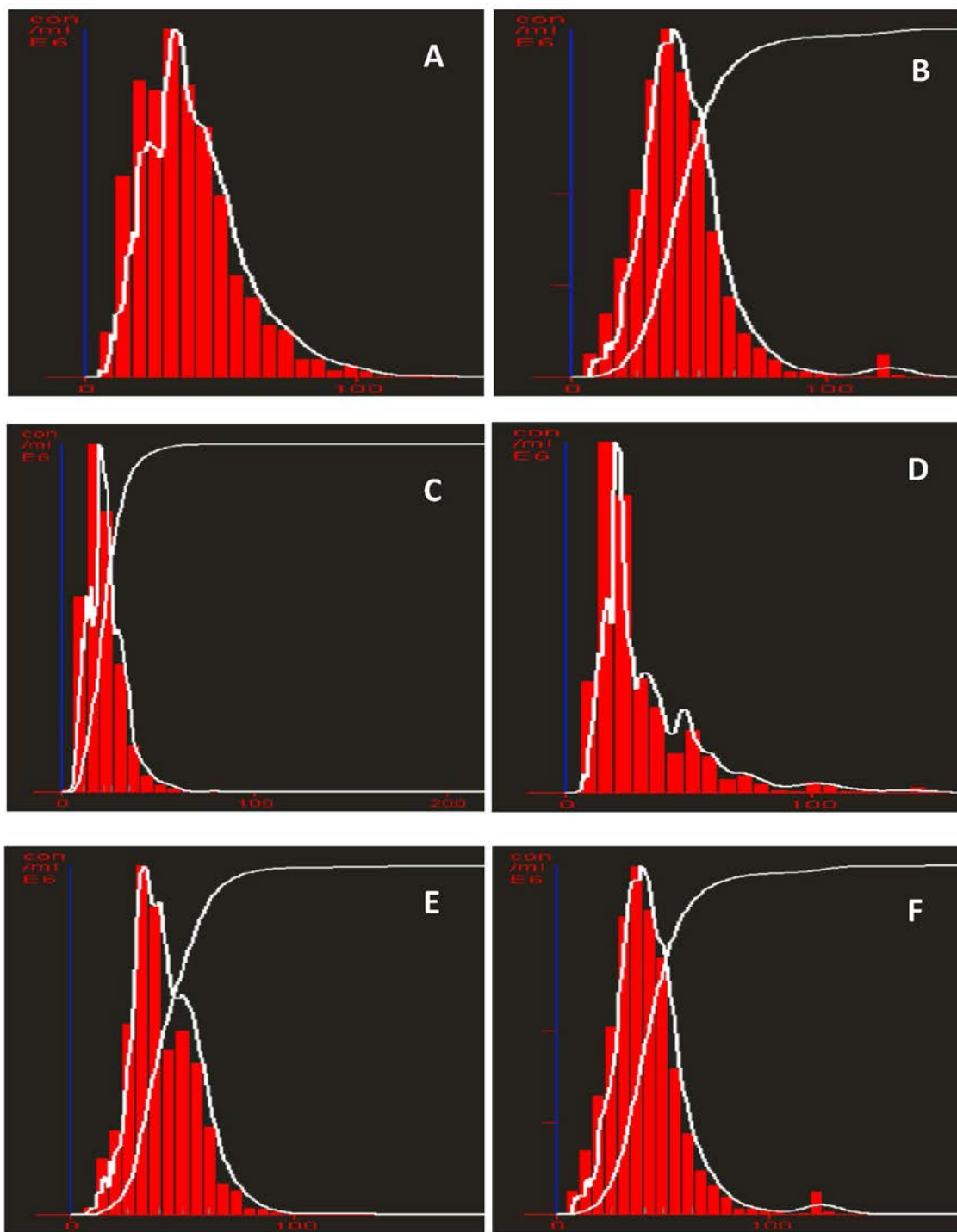


Figure S2. Particle size distribution histograms obtained from NTA analysis of silver nanoparticles synthesized by different *Fusarium* species. (A) *F. graminearum*; (B) *F. solani*; (C) *F. oxysporum*; (D) *F. culmorum*; (E) *F. scirpi*; (F) *F. tricinctum*.