

Supporting information

for

Biogenic Synthesis of Metal Nanoparticles Using a Biosurfactant Extracted from Corn and Their Antimicrobial Properties

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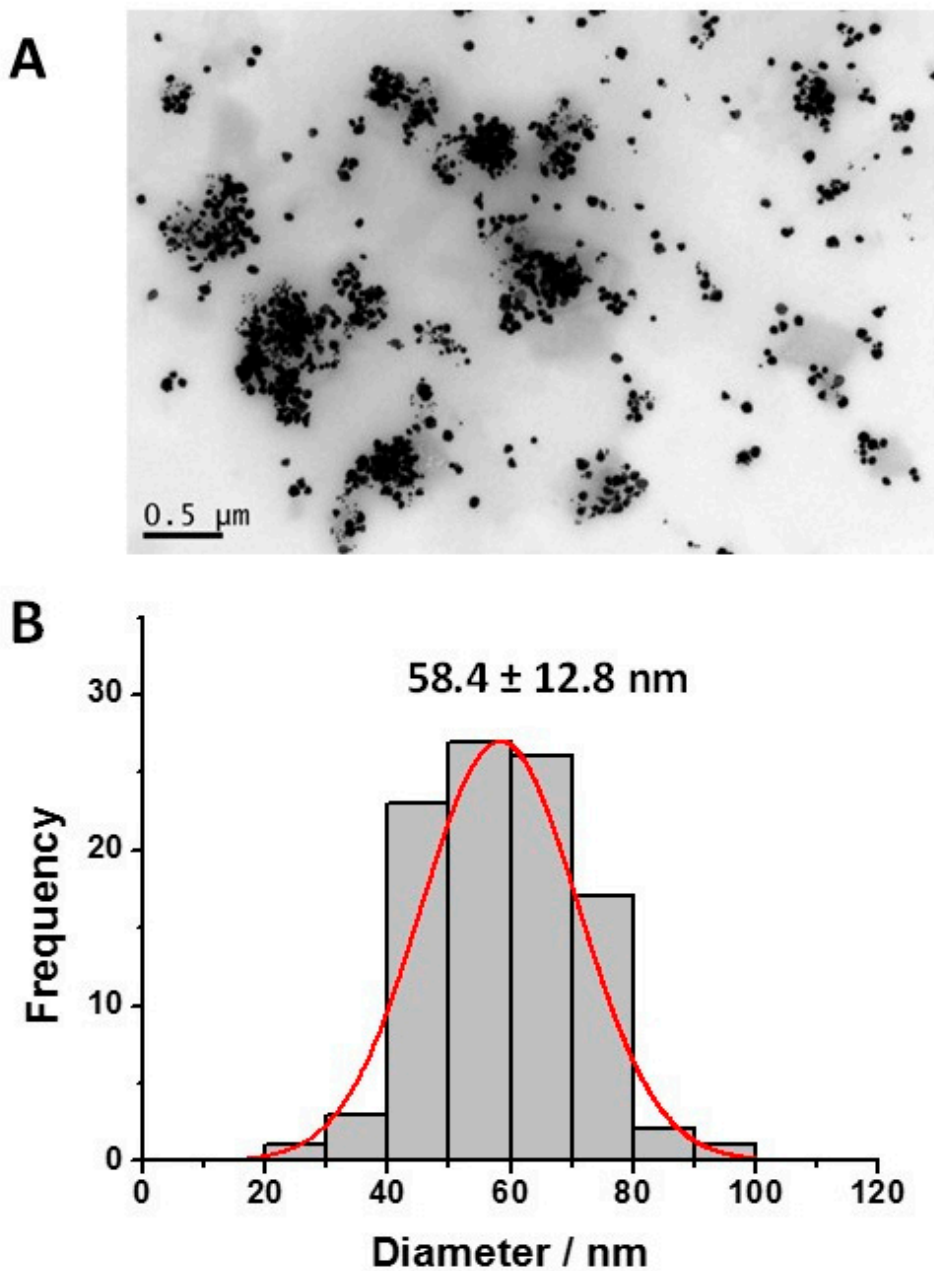


Figure S1. (A) Representative TEM image of Au NPs synthesized in the presence of biosurfactant extracted from CSL and its corresponding size distribution histograms for the spherical Au NPs synthesized at 40°C (B).

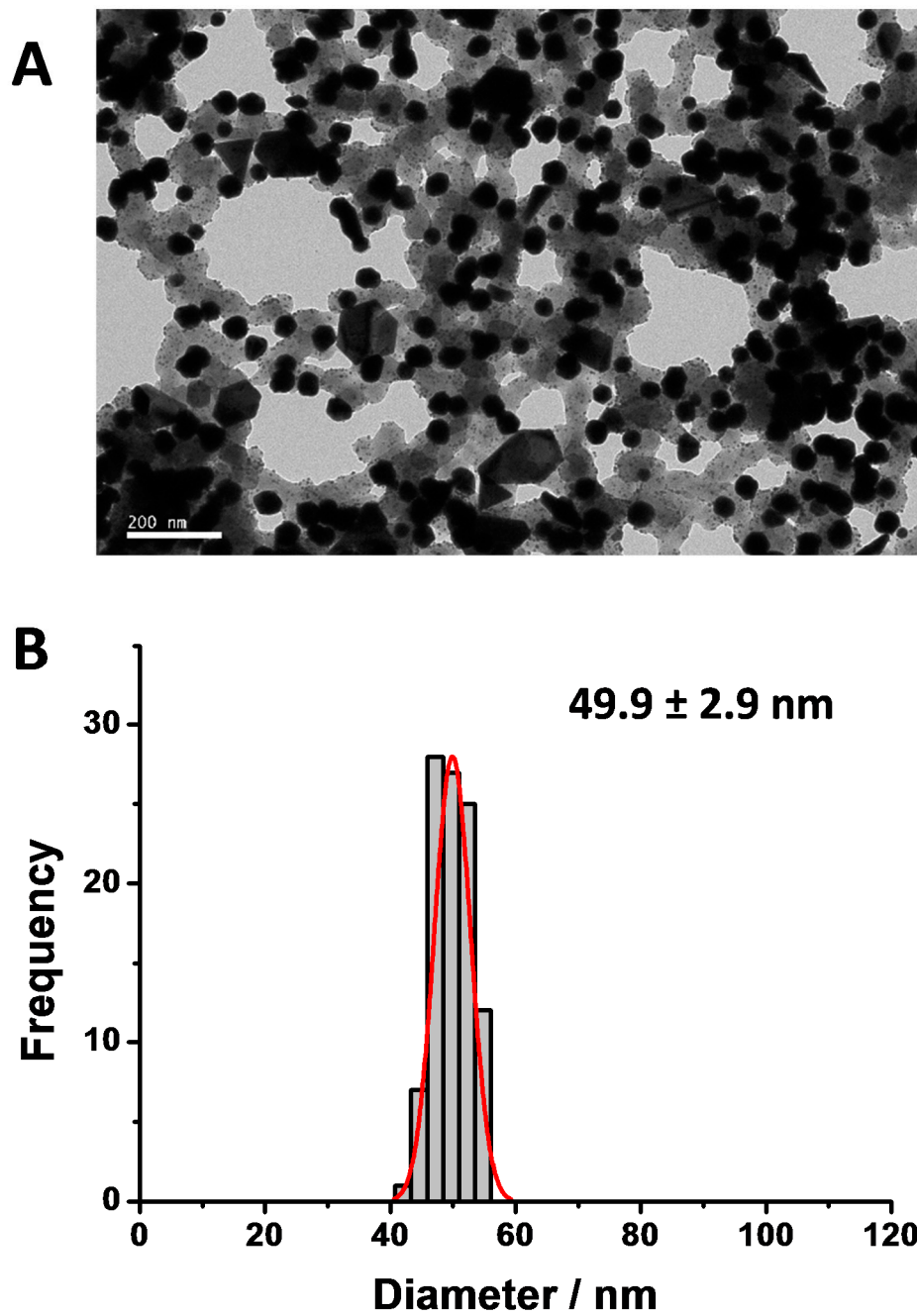


Figure S2. (A) Representative TEM image of Au NPs synthesized in the presence of biosurfactant extracted from CSL and its corresponding size distribution histograms for the spherical Au NPs synthesized at 50°C (B).

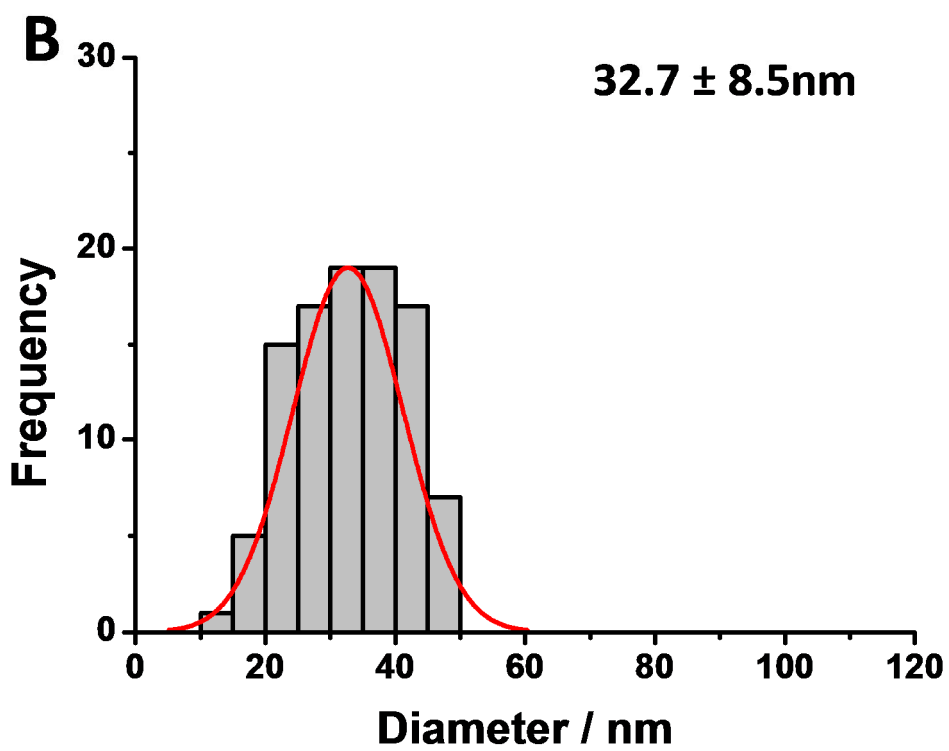
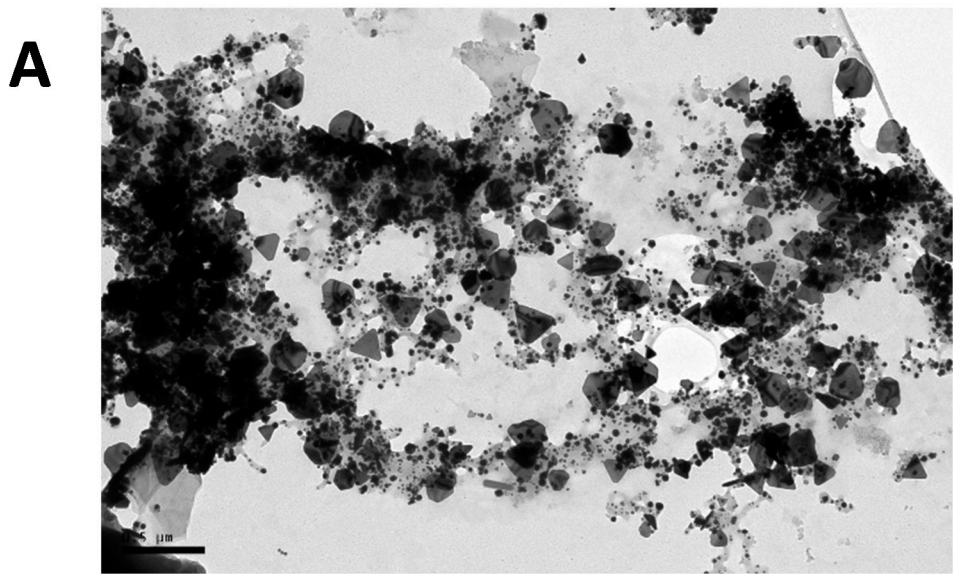


Figure S3. (A) Representative TEM image of Au NPs synthesized in the presence of biosurfactant extracted from CSL and its corresponding size distribution histograms for the spherical Au NPs synthesized at 60°C (B).

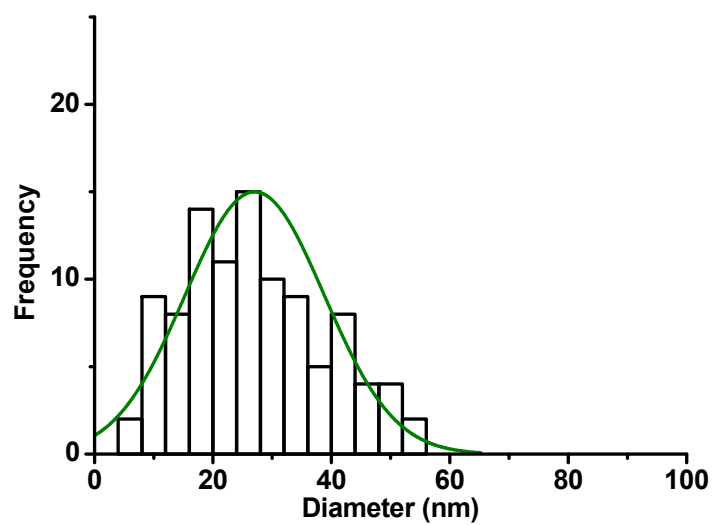


Figure S4. Size distribution histogram for the Ag NPs synthesized in the presence of the biosurfatant.

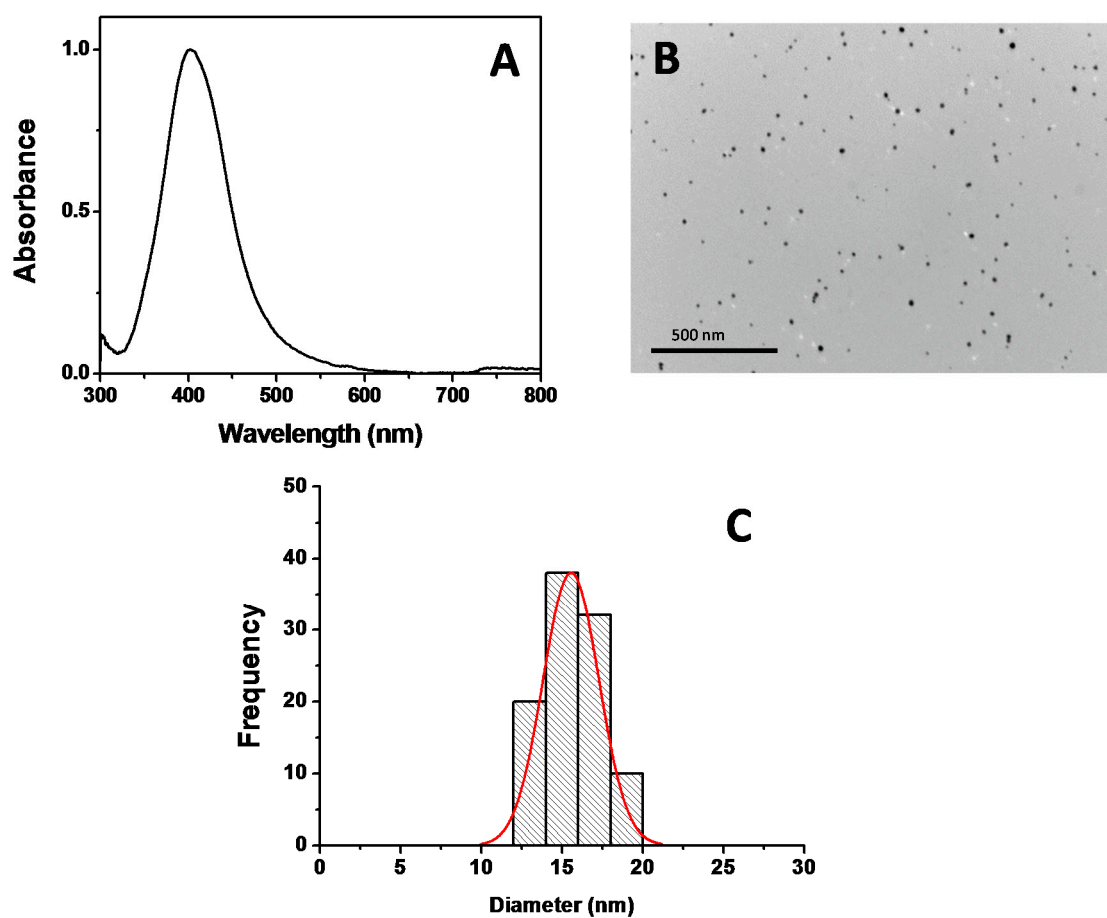


Figure S5. (A) UV-Vis spectrum of a dispersion of citrate stabilized Ag NPs. (B) Representative TEM image of Ag@NPs synthesized in the presence of sodium citrate and their corresponding size distribution histograms (C).