Supplementary Information

The Sustainable Synthesis of Silver and Gold Nanoparticles and Their Effect on the Growth of Metal Resistant Microorganisms

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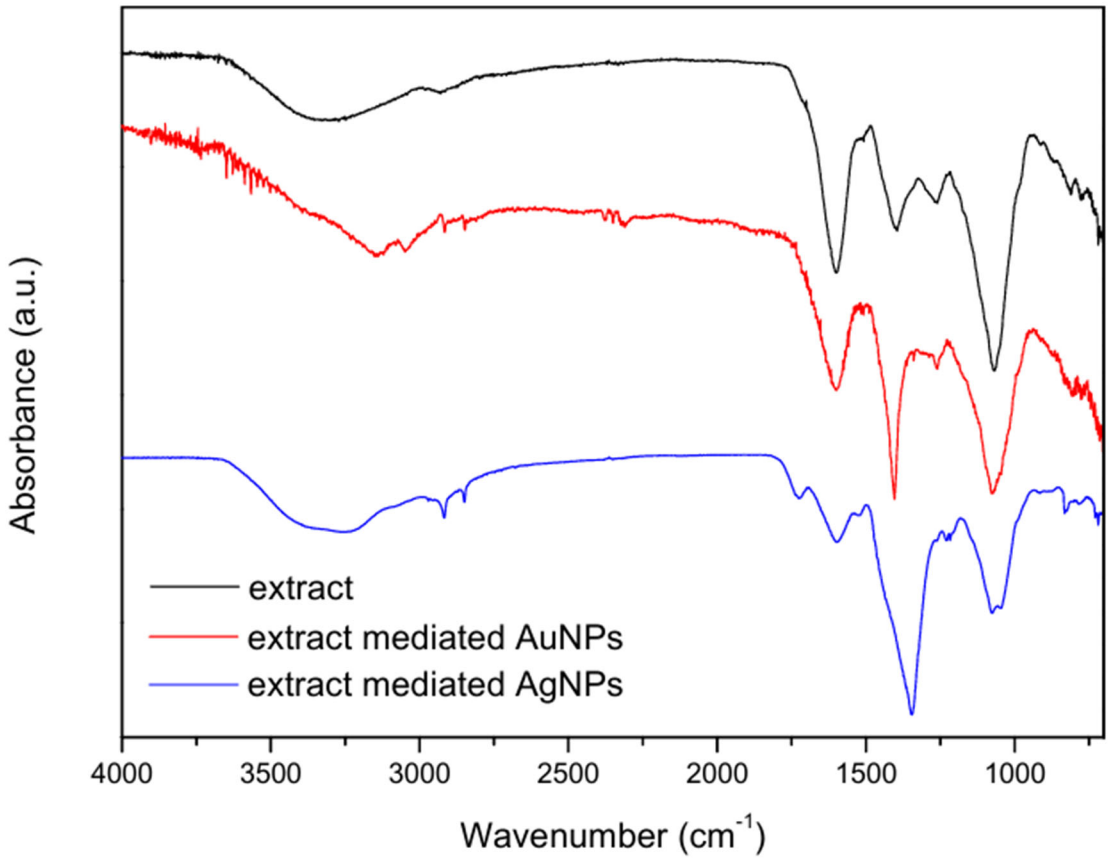
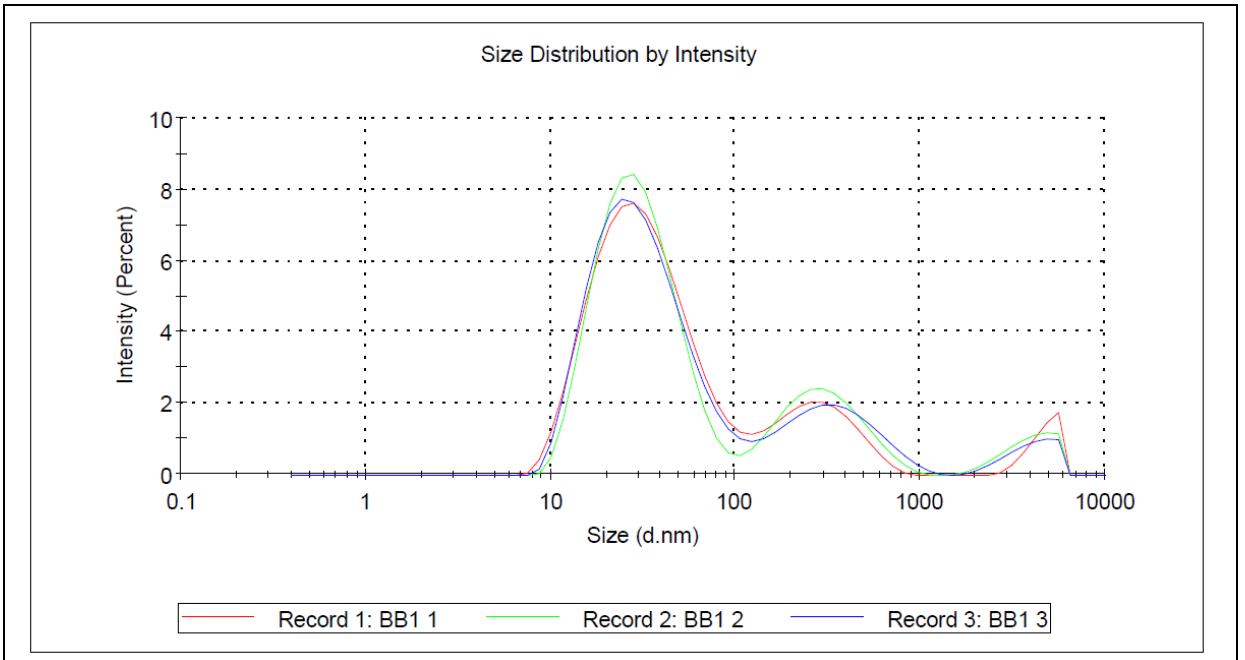
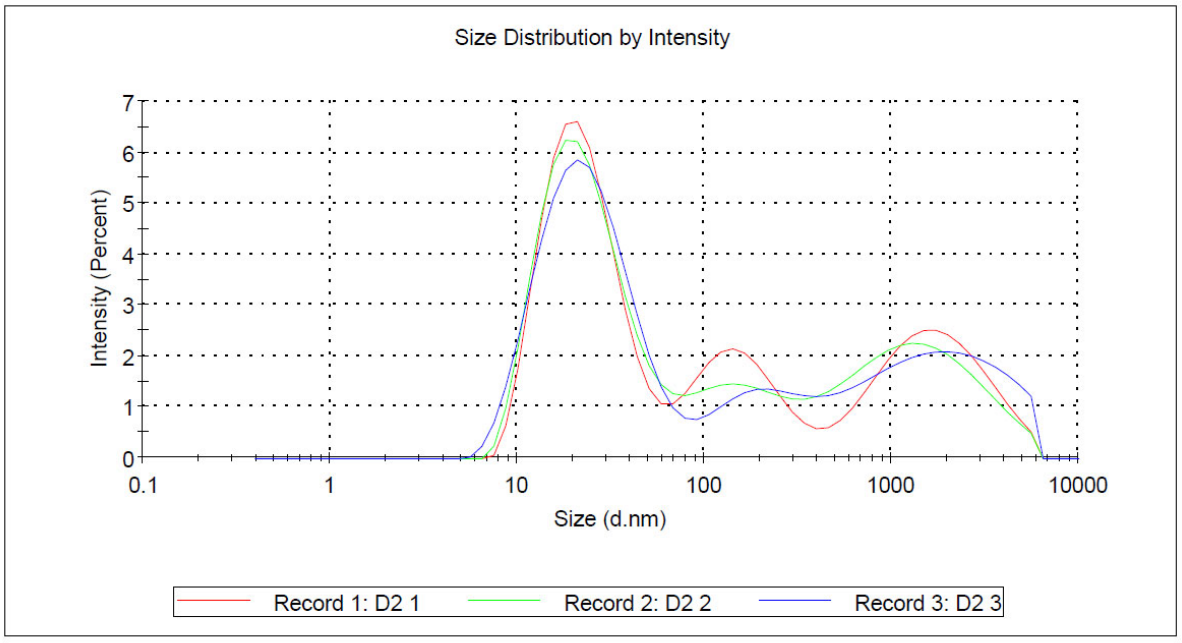


Figure S1. FTIR spectra of peppermint extract and extract-mediated AuNPs and AgNPs.



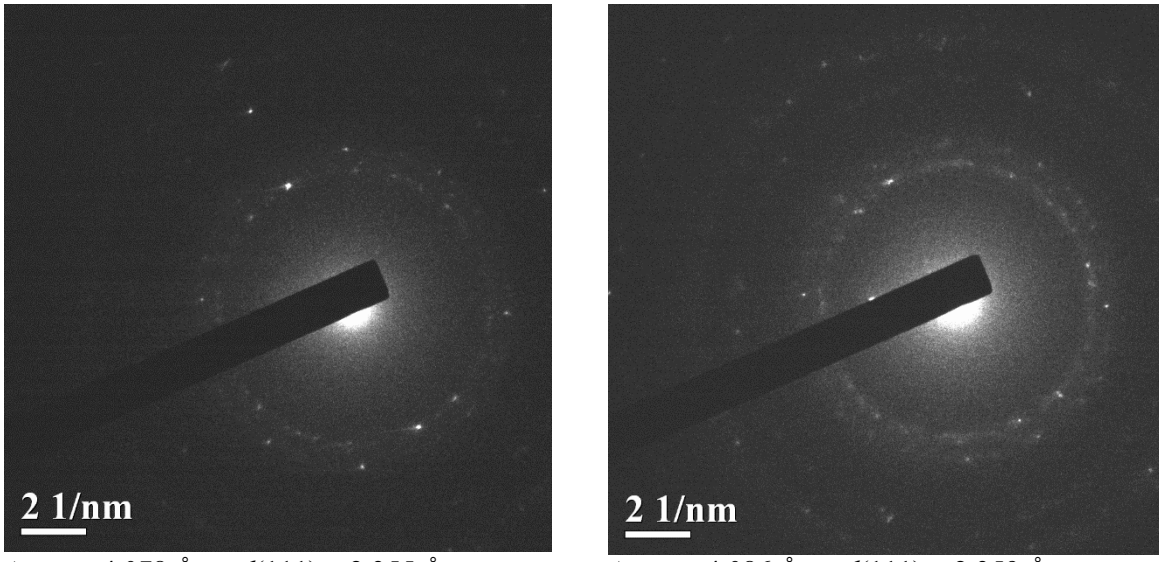
(a)



(b)

Figure S2. DLS measurements for peppermint extract-mediated gold (a) and silver (b) nanoparticles.

AuNPs **AgNPs**



Au: a = 4.078 Å → d(111) = 2.355 Å Ag: a = 4.086 Å → d(111) = 2.359 Å

Figure S3. Selected area electron diffraction (SAED) patterns of gold (left) and silver (right) NPs.