Antifungal Activity and Molecular Mechanisms of Copper Nanoforms against *Colletotrichum gloeosporioides*

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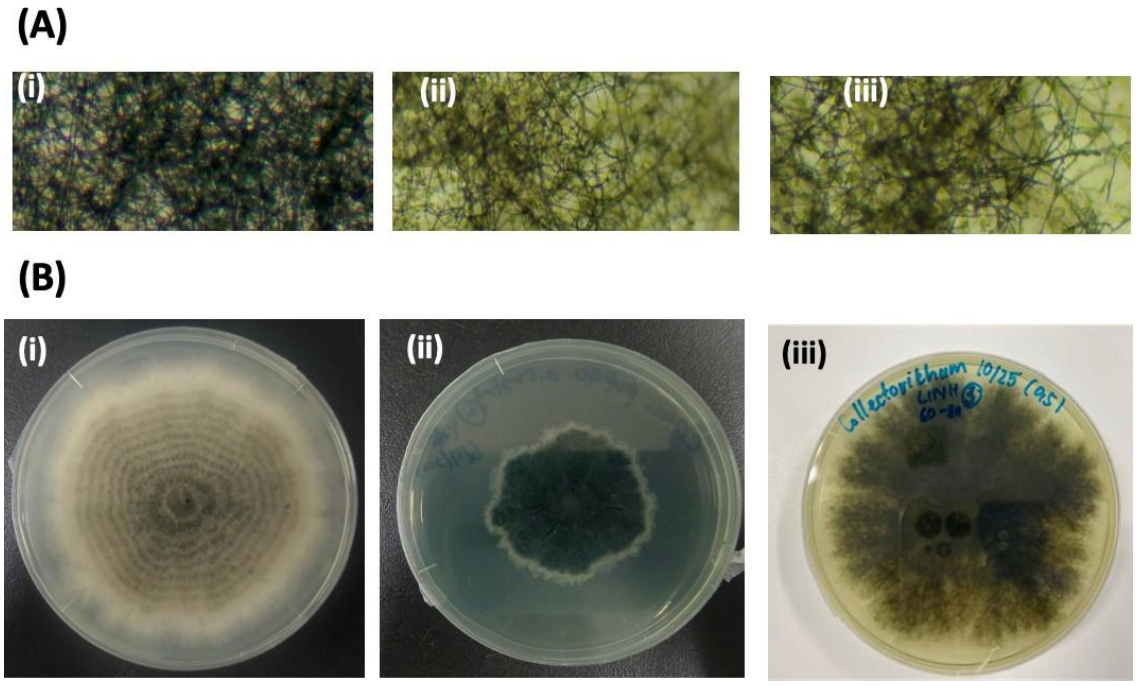

Figure S1. Effect of Cu-NFs on *C. gloeosporioides*, a fungal pathogen that attacks food crops **(A**) image of fungus (i) alone (Control); and in the presence of (ii) in-house Cu-NFs, (iii) commercial Cu-NFs, taken using an optical microscope at x25 magnification; **(B)** Photos of the fungus (i) Control; and in the presence of (ii) inhouse Cu-NFs (0.5mg/mL) and (iii) commercial Cu-NFs (0.5 mg/mL)

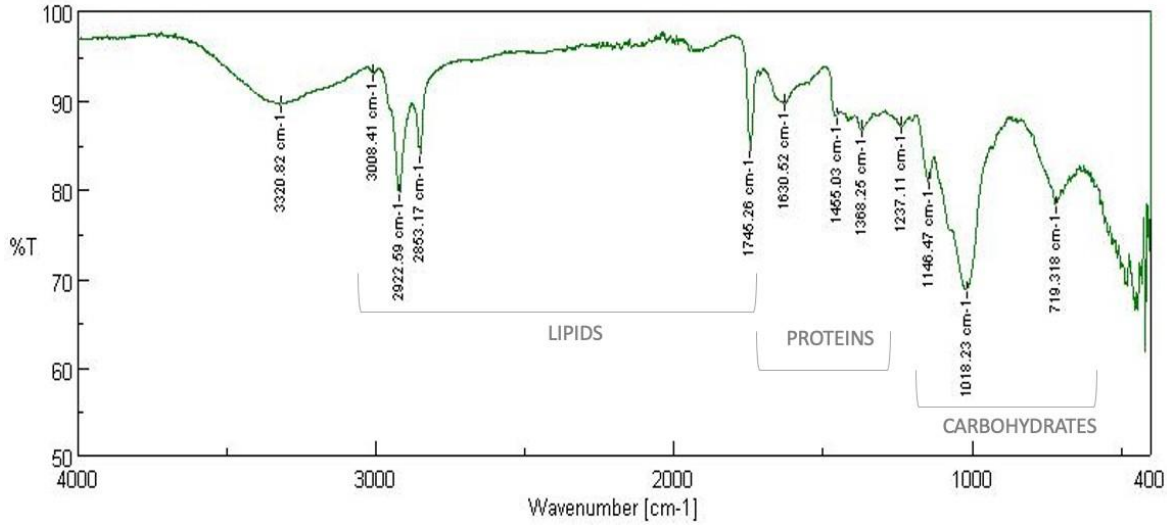

Figure S2. Interaction of *C. gloeosporioides* with Cu-NFs analysed using FTIR Spectra of fungal mycelium. FTIR analyses were conducted as described earlier.

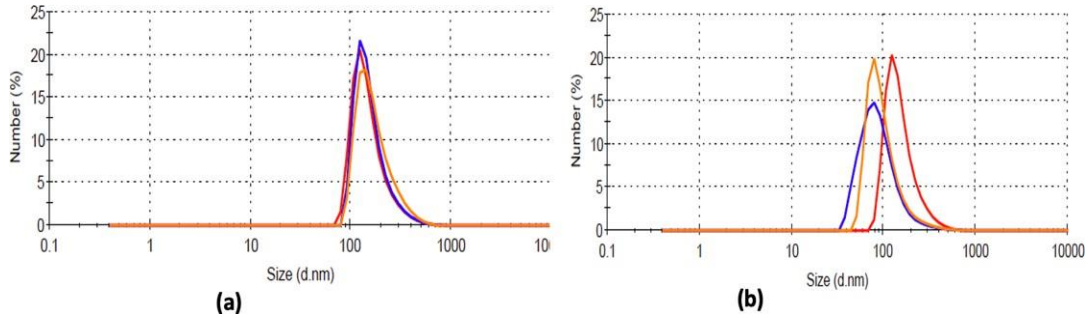

Figure S3. Size distribution of **(a)** aggregated copper and (**b)** copper oxide nanoforms analysed by DLS technique using a Zetasizer Nano ZS90 (Malvern Panalytical, Japan). All measurements were conducted in water at room temperature (25 ^{o}C) and t approximately 200 kcps count rate.