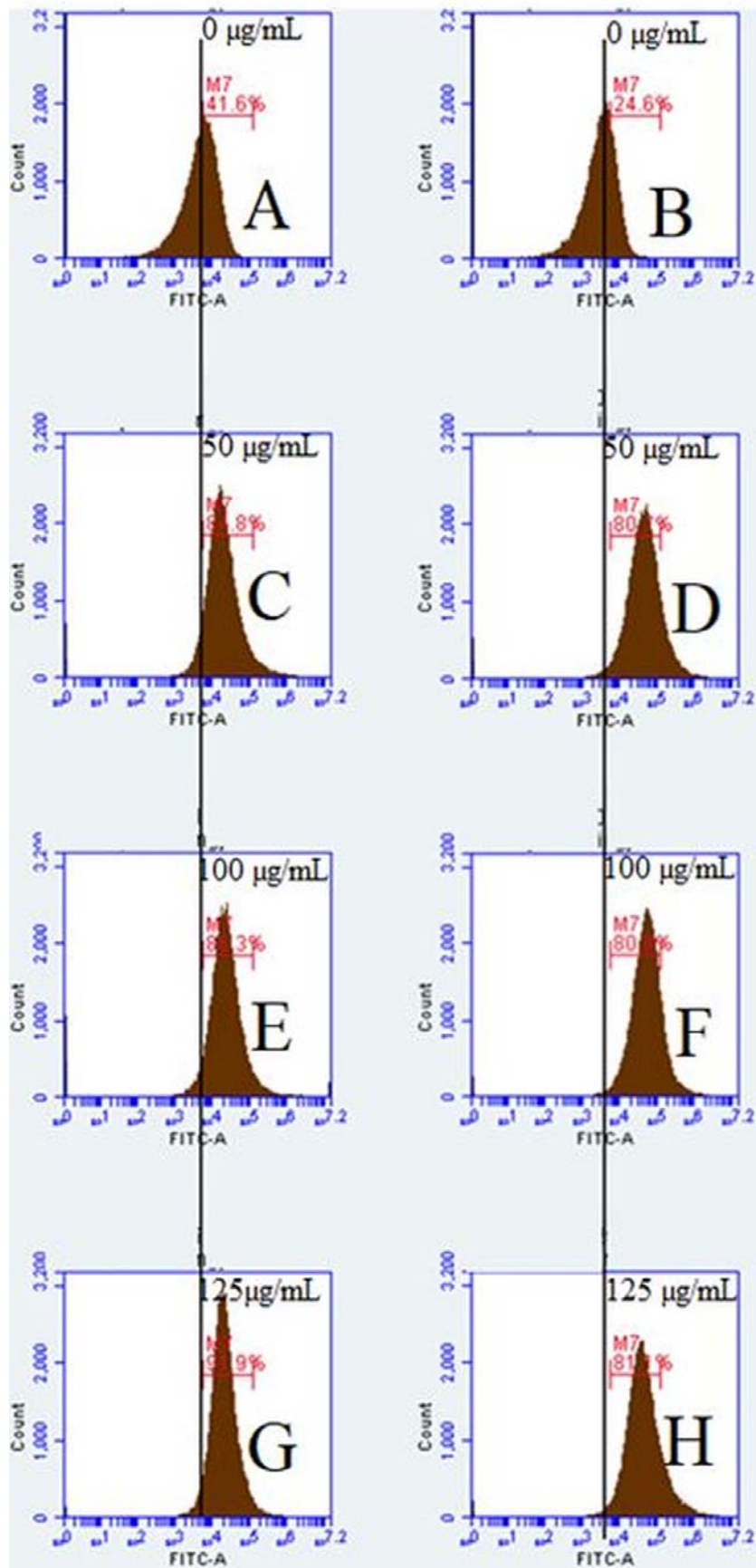


Fabrication of Monodispersed Copper Oxide Nanoparticles with Potential Application as Antimicrobial Agents

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Supplementary Figure S2. Oxidative stress response at various doses of Cu₂O NPs on the Gram-negative *P. aeruginosa* CB1 (left) and Gram-positive *B. subtilis* CN2 (right) bacterial cells. (a,b) Control cells; (c, d) Cells treated with 50 µg/mL; (e, f) cells treated with 100 µg/mL; (g, h) cells treated with 125 µg/mL for 24 h. After treatment of cells with designated concentrations of Cu₂O NPs for 24 h, intracellular ROS generation was quantified by oxidation of cell permeable dye 2,7-dichlorodihydrofluorescein diacetate (DCFDA) staining using flow cytometer.