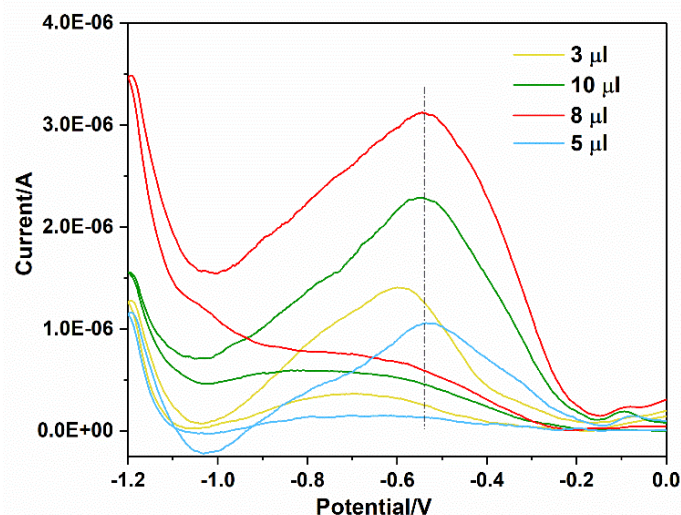
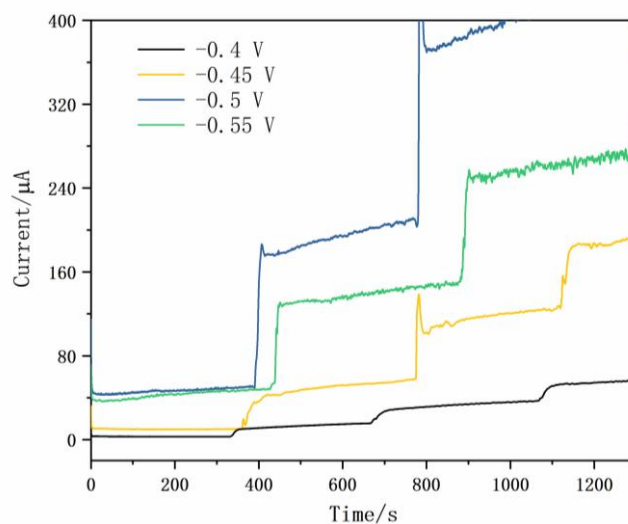


Article

# Silver Doped Mesoporous Silica Nanoparticles Based Electrochemical Enzyme-Less Sensor for Determination of H<sub>2</sub>O<sub>2</sub> Released from Live Cells



**Figure S1.** Current–potential curves of the Ag-mSiO<sub>2</sub> nanoparticles/glass carbon electrode (NPs/GCE) for electrocatalytic reduction of H<sub>2</sub>O<sub>2</sub> at the scan rate of 50 mV s<sup>-1</sup> in 0.2 M PBS solution with different modifiers of Ag-mSiO<sub>2</sub> NPs.



**Figure S2.** The amperometric response of Ag-mSiO<sub>2</sub> nanoparticles/glass carbon electrode (NPs/GCE) (with applied potentials of -0.40, -0.45, -0.50, and -0.55 V) in PBS solution (0.2 M, pH 6.8) upon successive additions of 1.0 mM H<sub>2</sub>O<sub>2</sub>.



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