

SUPPLEMENTARY INFORMATION

Exploring the Effect of Pore Size on the Activity of Superoxide Dismutase Mimics Immobilized in Mesoporous Spherical Silica Particles

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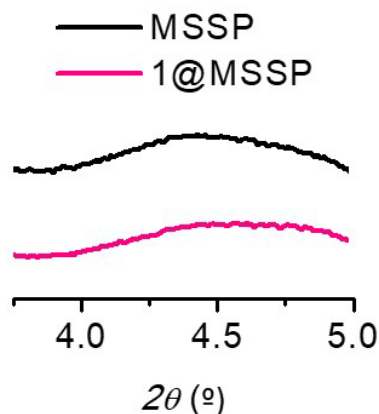


Figure S1. Zoom of the low-angle X-ray diffractograms showing the weak higher order reflections of MSSP and 1@MSSP

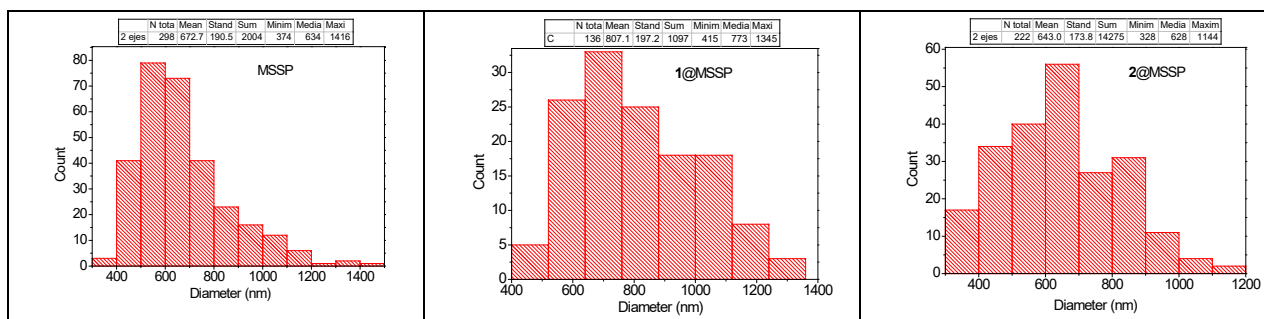


Figure S2. Histograms of particles size distribution of (a) MSSP, (b) 1@MSSP and (c) 2@MSSP

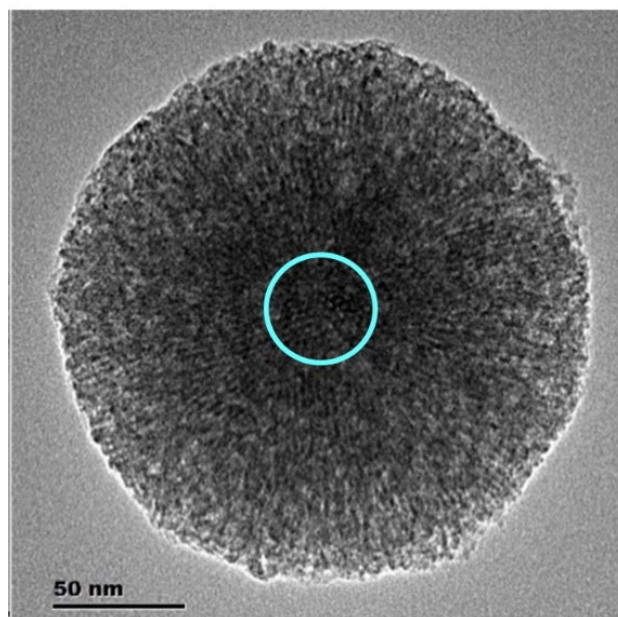


Figure S3. TEM image of **2@MSSP**. The blue circle shows an ordered area with honeycomb-like structure

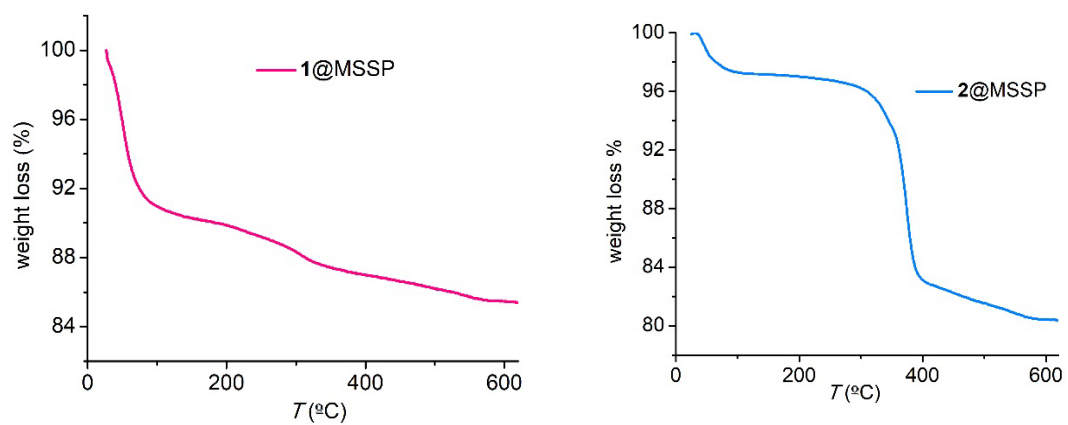


Figure S4. Thermograms of **1@MSSP** (pink) and **2@MSSP** (blue)

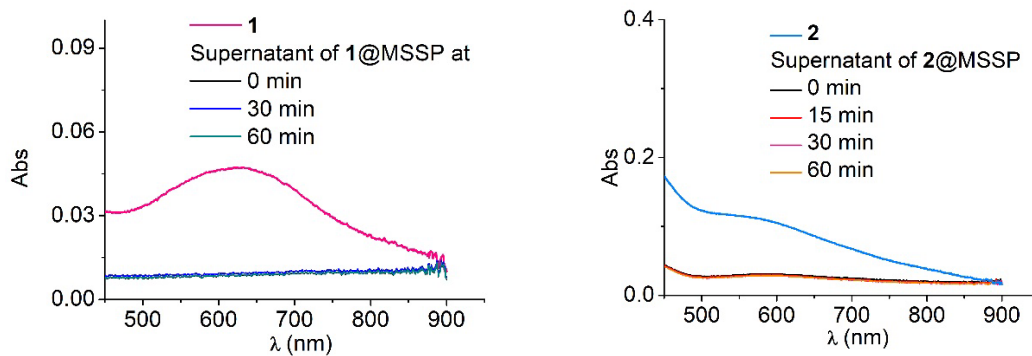


Figure S5. Electronic spectra of the complex solutions and supernatant of suspensions of the hybrids after several incubation times in phosphate buffer of pH 7.8. (left) 3 mg/mL **1@MSSP**, [**1**] = 0.32 mM; (right) 0.32 mg/mL **2@MSSP**, [**2**] = 0.14 mM.

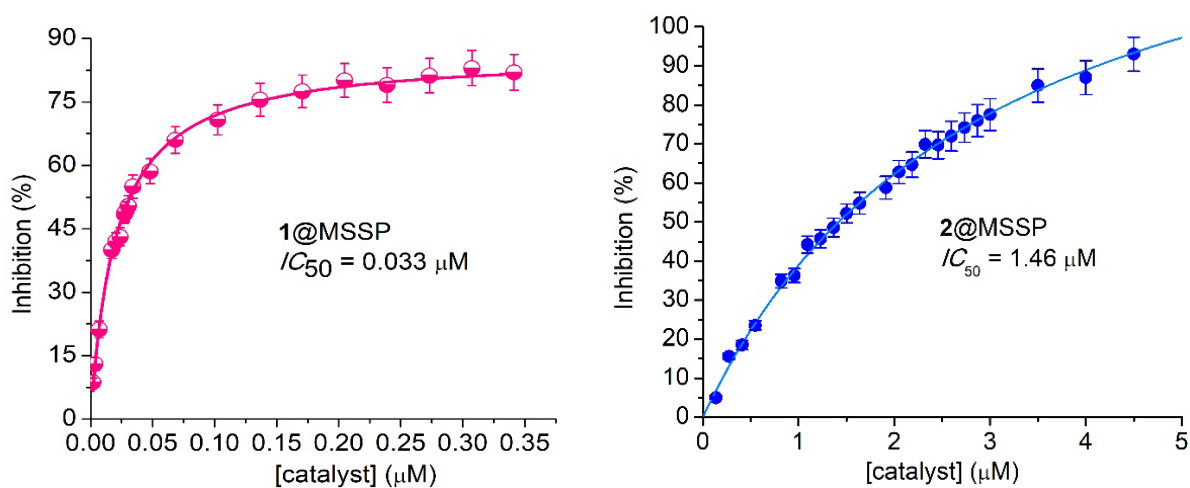


Figure S6. SOD activity of hybrids in the riboflavin-methionine-NBT assay