Electronic Supplementary Information of

Integrated cascade catalysis of microalgal bioenzyme and inorganic nanozyme for anti-inflammation therapy

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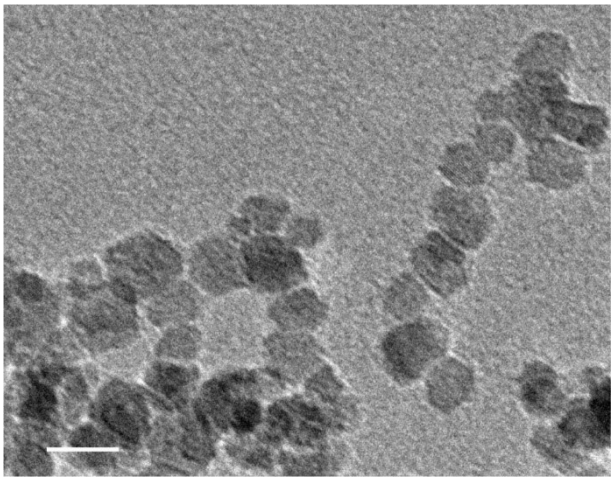

Fig. S1 TEM image of CeO_2. Scale Bar = 10 nm.

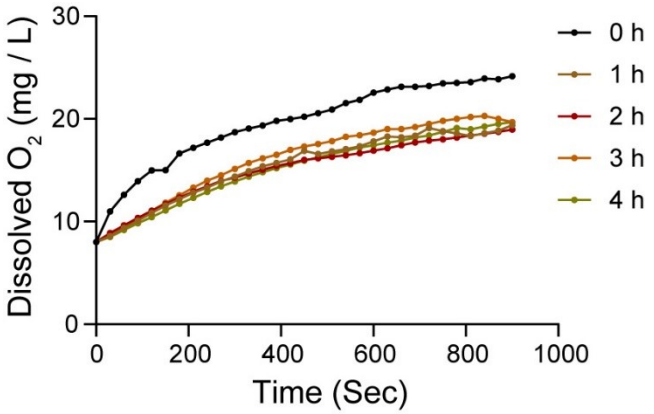

Fig. S2 The catalytic property of COS-CeO_2 after treating with SGF (pH = 1.2; pepsin: 3.2 mg/mL) for 0, 1, 2, 3 or 4 h, respectively.

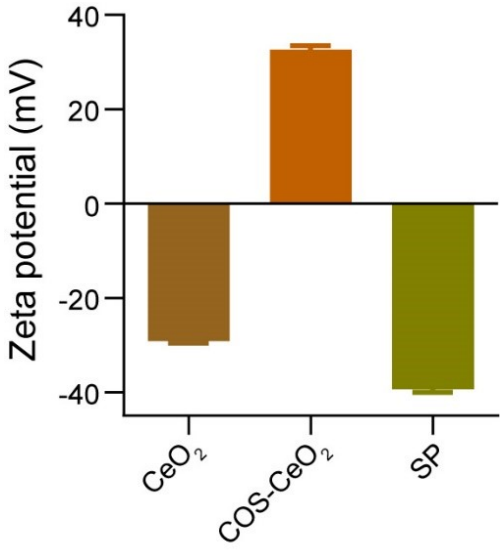

Fig. S3 Zeta potentials of CeO_2, COS-CeO_2 and SP.

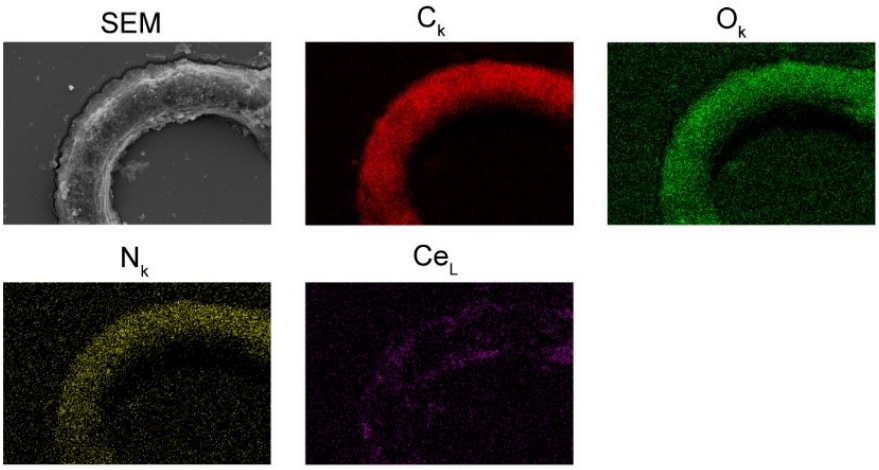

Fig. S4 SEM image and SEM-assisted element mapping of SP@COS-CeO_2.

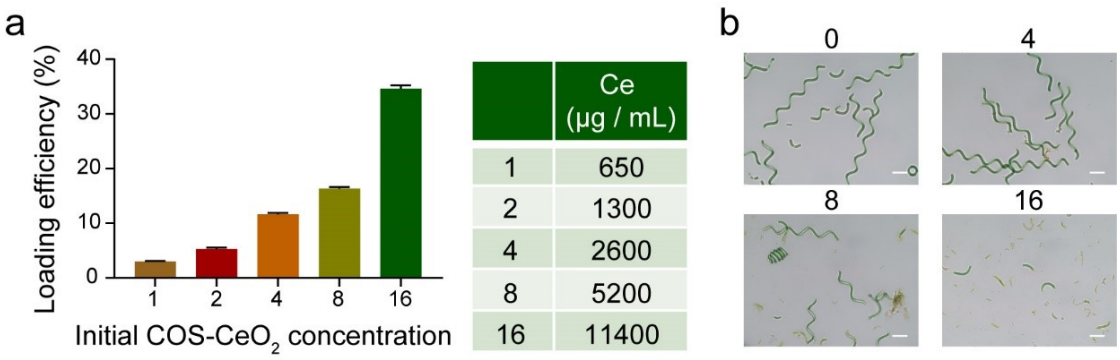

Fig. S5 (a) Drug loading efficiency of SP at different equivalents of COS-CeO_2. (b) Bright field images of SP@COS-CeO_2 with different equivalent COS-CeO_2 loads. Scale Bar = 50 μm.

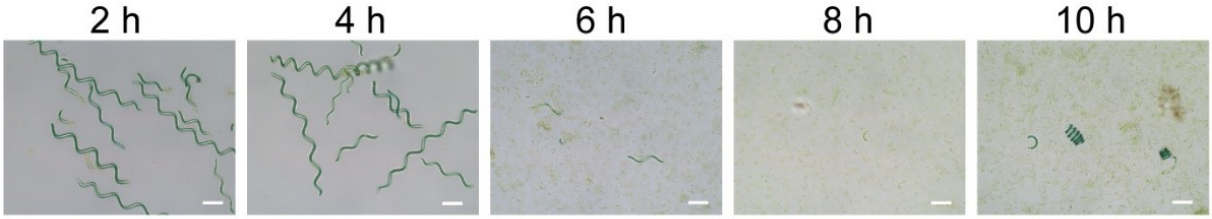

Fig. S6 Bright field images of SP@COS-CeO_2 after reacting with different time (2, 4, 6, 8 and 10 h). Scale Bar = 50 μm.