Supplementary Materials

Visualization of therapeutic intervention for acute liver injury using low-intensity pulsed ultrasound-responsive phase variant nanoparticles

You Yang[1†], Ju-ying Zhang[1†], Zi-jun Ma[1], Shi-chun Wang[1], Ping He[1], Xiao-qing Tang[1], Chao-feng Yang[3], Xia luo[1], Xing Yang[1], Ling Li[1], Mao-chun Zhang[1], Yang Li[2,3], Jin-hong Yu[1,2,]*

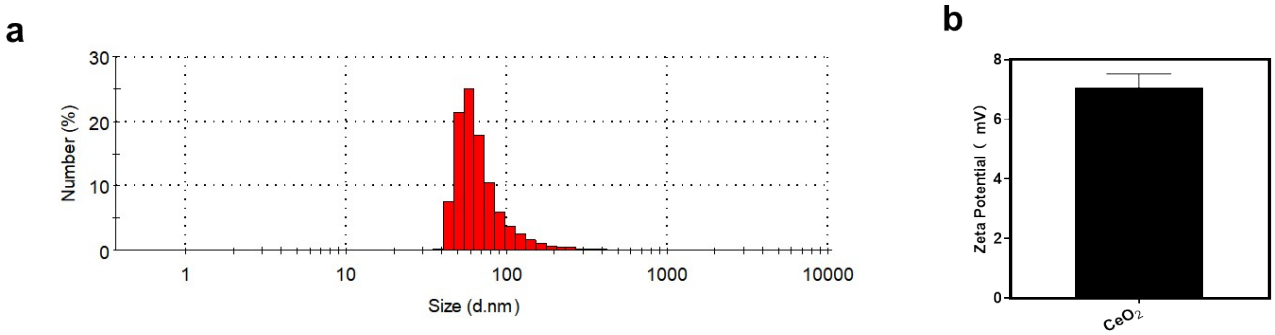

Figure SI1 The size and potential of CeO_2-NPs; (a) the size of the CeO_2-NPs using DLS; (b) the zeta potential of the CeO_2-NPs using DLS.

[1] *Department of Ultrasound, Affifiliated Hospital of North Sichuan Medical College, Innovation Centre for Science and Technology of North Sichuan Medical College, Nanchong, 637000, Sichuan, China*

[2] *Department of Ultrasound, Yuechi People's Hospital, Guangan, 638300, Sichuan, China*

[3] *Department of Radiology, Affifiliated Hospital of North Sichuan Medical College, Nanchong, 637000, Sichuan, China*

* *Correspondence author, E-mail: yujinhong@nsmc.edu.cn*

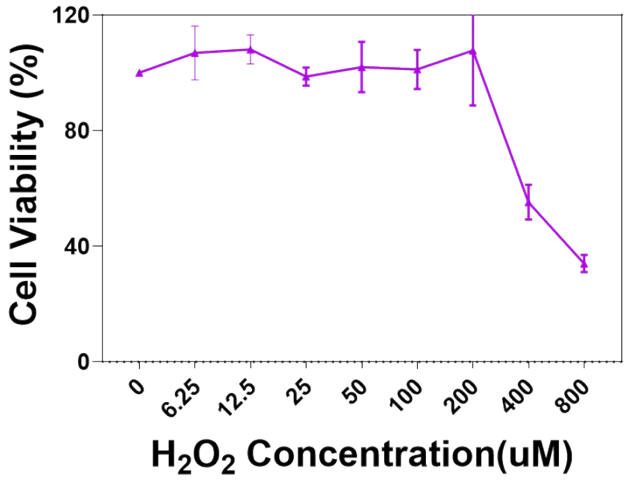

Figure SI2 Cell viabilities of AML12 cells under treatment with different concentrations of H_2O_2.

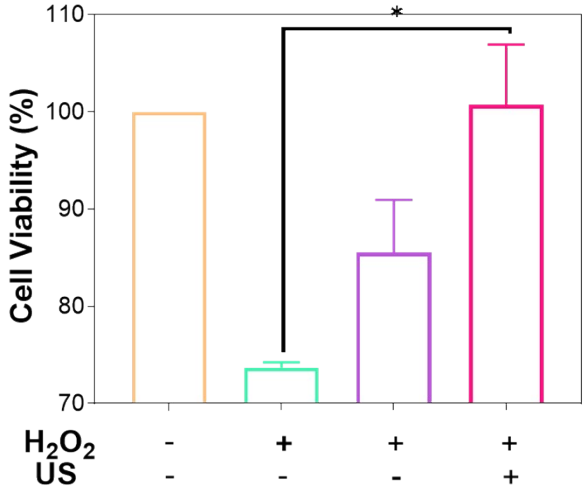

Figure SI3 Cell viabilities of AML12 cells under treatment with H_2O_2 or H_2O_2 plus different concentrations of PFP@CeO_2@Lips.