

Supporting Information

Biocompatible nanomicelles for sensitive detection and photodynamic therapy of early-stage cancer

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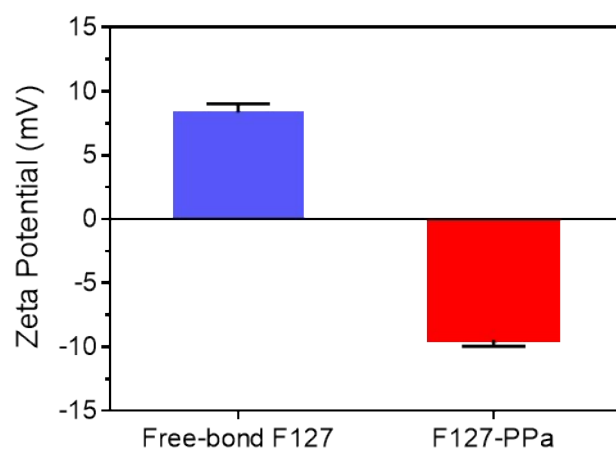


Figure S1. Zeta potential of free-bond F127 and F127-PPa nanomicelles.

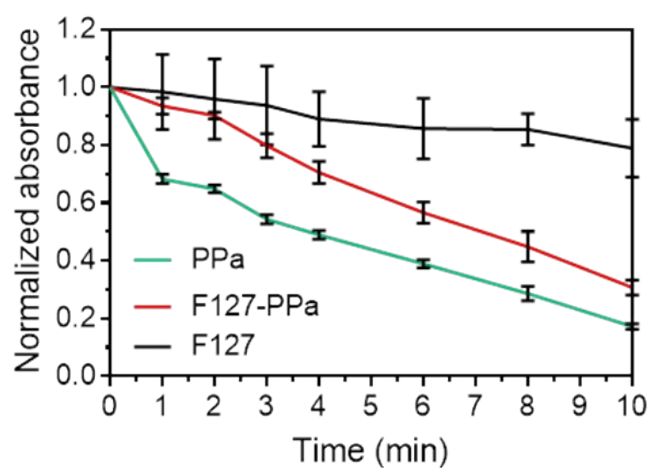


Figure S2. The singlet oxygen production ability of F127, PPa and F127-PPa nanomicelles under laser irradiation tested by 1,3-diphenylisobenzofuran (DPBF).

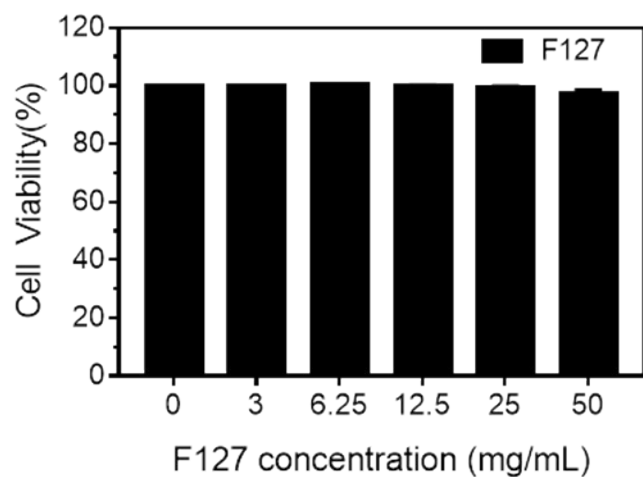


Figure S3. The relative cell viabilities of 4T1 cells after incubation with F127 and 690-nm laser irradiation for 10 min.

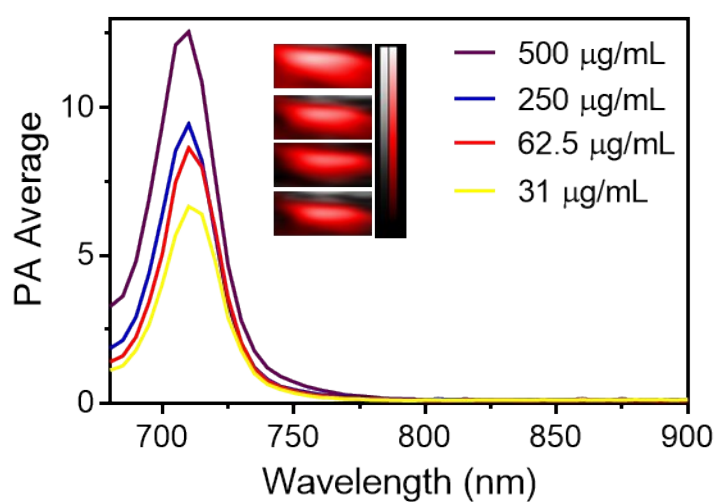


Figure S4. PA images of F127-PPa nanomicelles with different concentration and the related signal intensity excited by pulsed laser at the region of 680-900 nm.

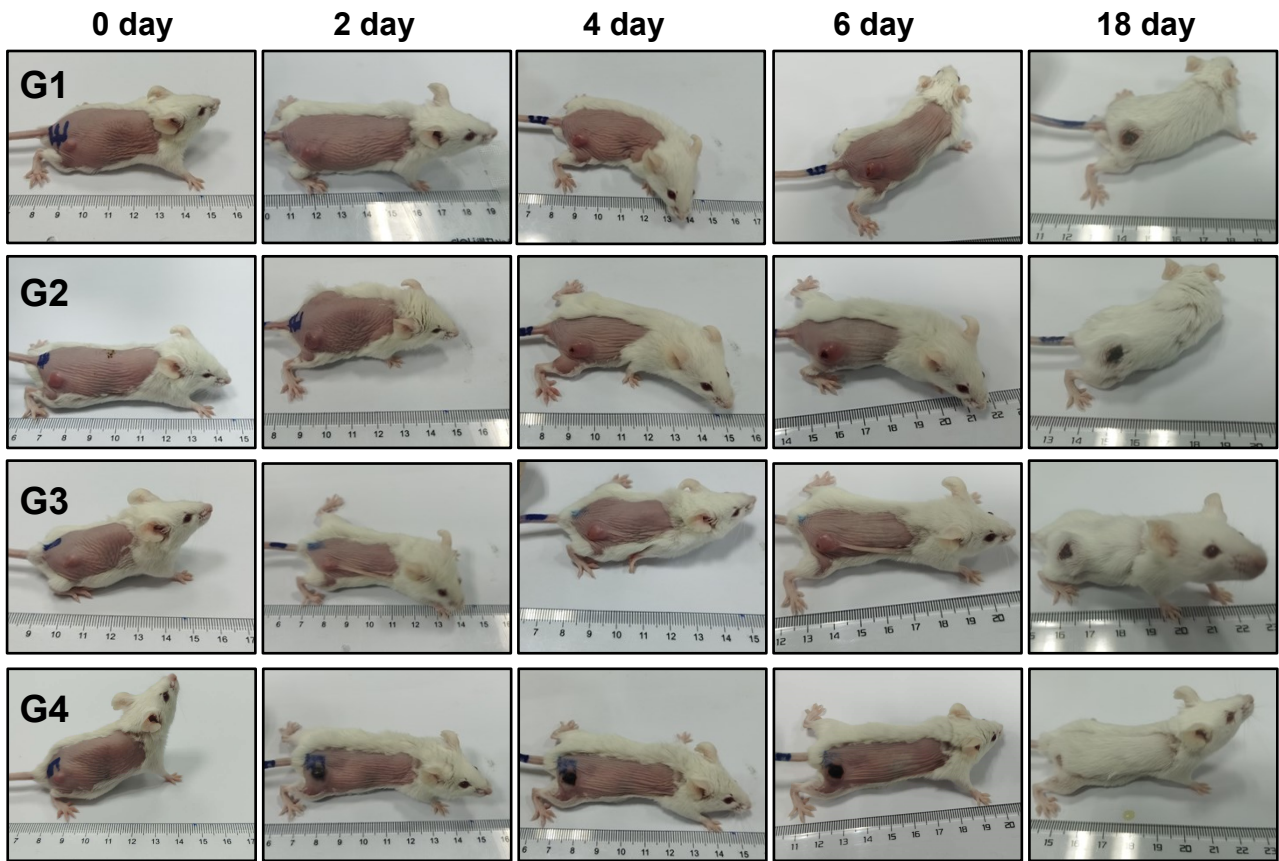


Figure S5. The photos of representative mice in each group at different timepoints. G1: F127-PPa micelles only; G2: laser irradiation only; G3: control group with PBS only; and G4: PDT group with F127-PPa micelles injection plus laser irradiation.