Supplementary Materials for

Nanodrug Regulates ROS homeostasis via enhancing fatty acid oxidation and inhibiting autophagy to overcome tumor drug resistance

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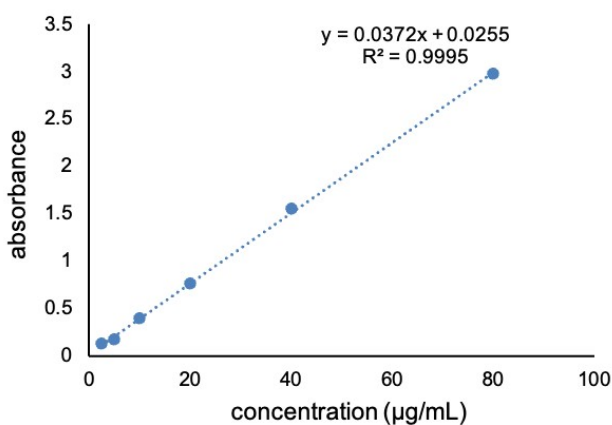
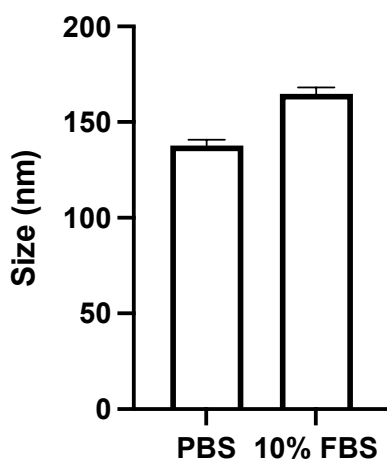xiao92826@hotmail.com (Z.C. Xiao)

Figure S1. CQ UV Standard Curve

Figure S2. The size of nanodrug in PBS or PBS with 10% FBS (mean ± SD; n = 3)
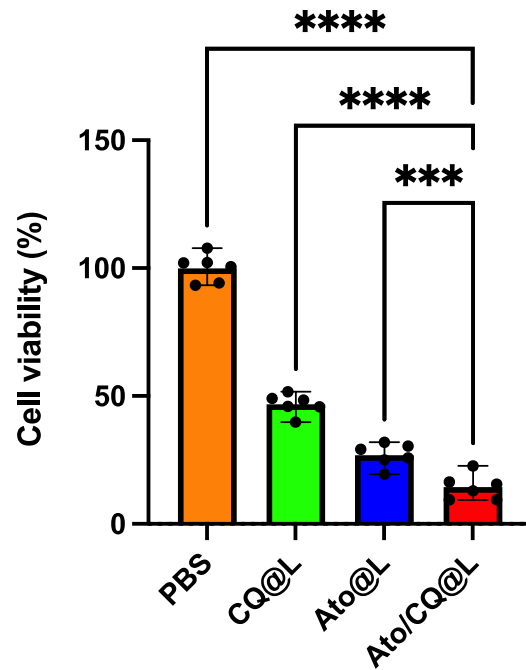
Figure S3. The cell viability of 4T1 cells receiving different treatments (mean ± SD; n = 3, ***p < 0.001).
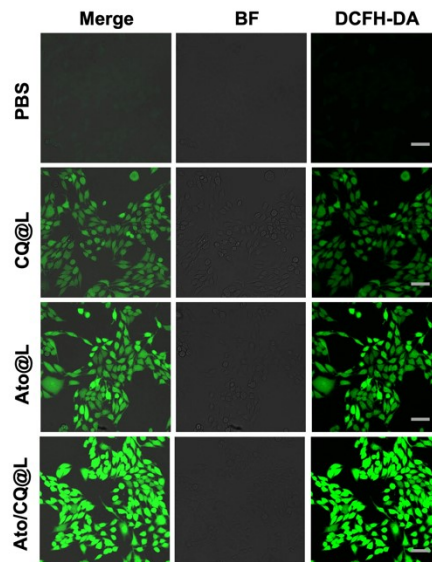

Figure S4. The intracellular ROS levels in 4T1 cells after treatment with nanodrugs were detected with DCFH-DA (scale bar = 10 μm).
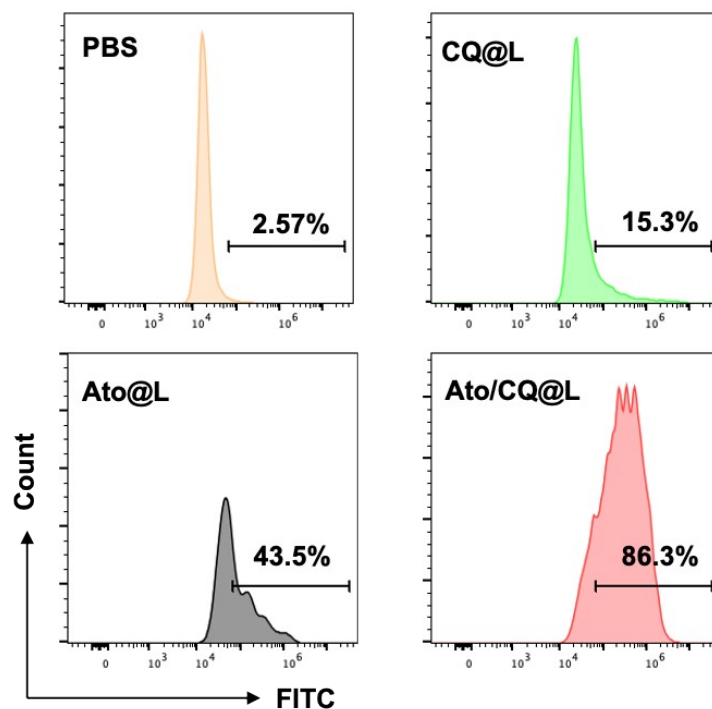
Figure S5. Quantitative analysis of the intracellular ROS levels in 4T1 cells after treatment with nanodrugs by flow cytometry.
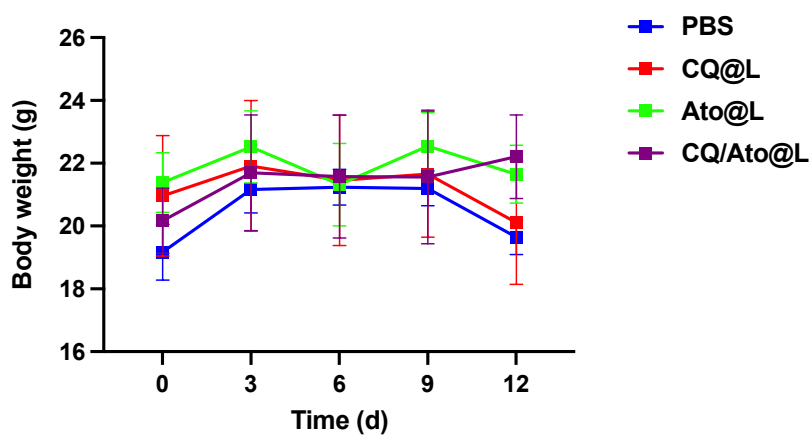

Figure S6. Changes of body weight during various treatments (mean ± SD; n = 3).