

Supporting Information

Improvement synergic therapeutic effect of chemoradiation therapy with the aid of co-drug loaded nano-radiosensitizer under conventional-dose of X-Ray irradiation

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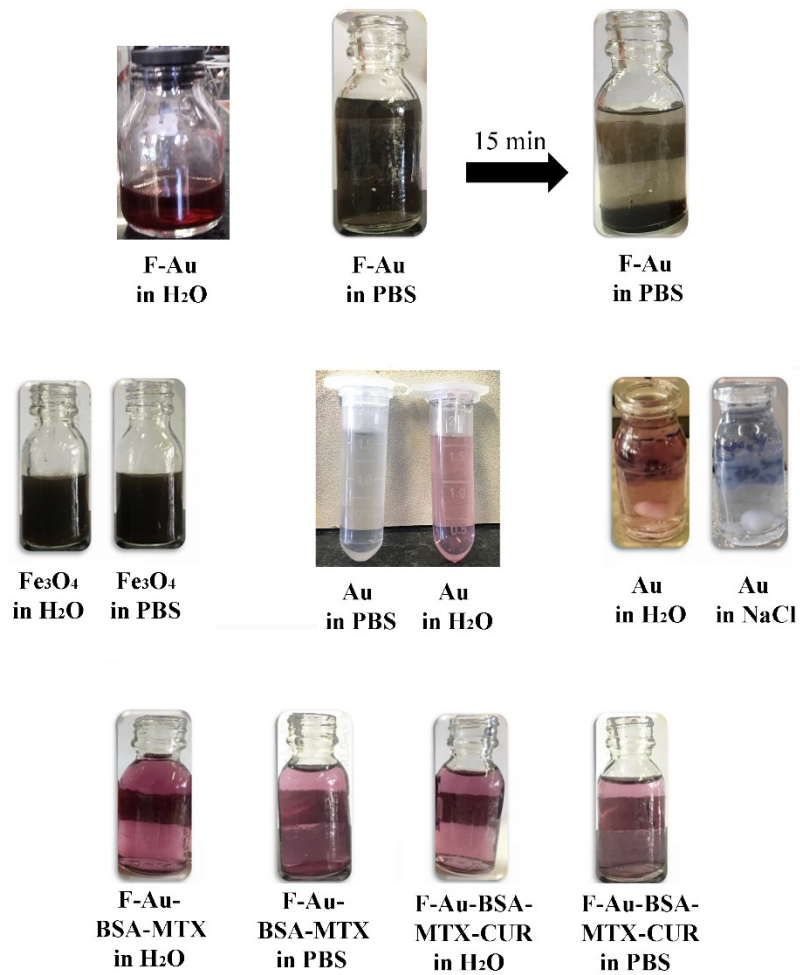


Fig. 1S. Color images of different nanoparticles dispersed at PBS and deionized water.

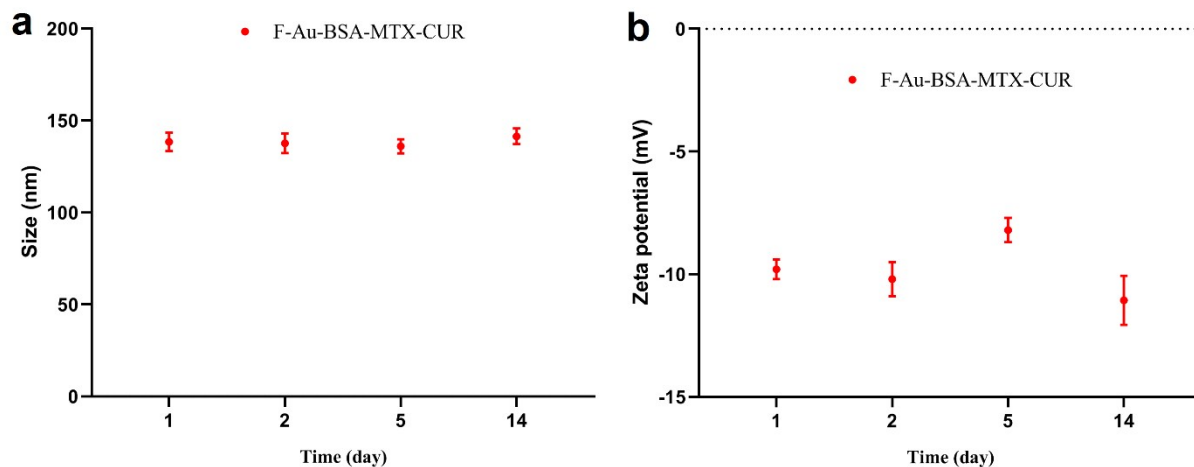


Fig. 2S. Size and zeta potential monitoring of F-Au-BSA-MTX-CUR throughout 14 days.

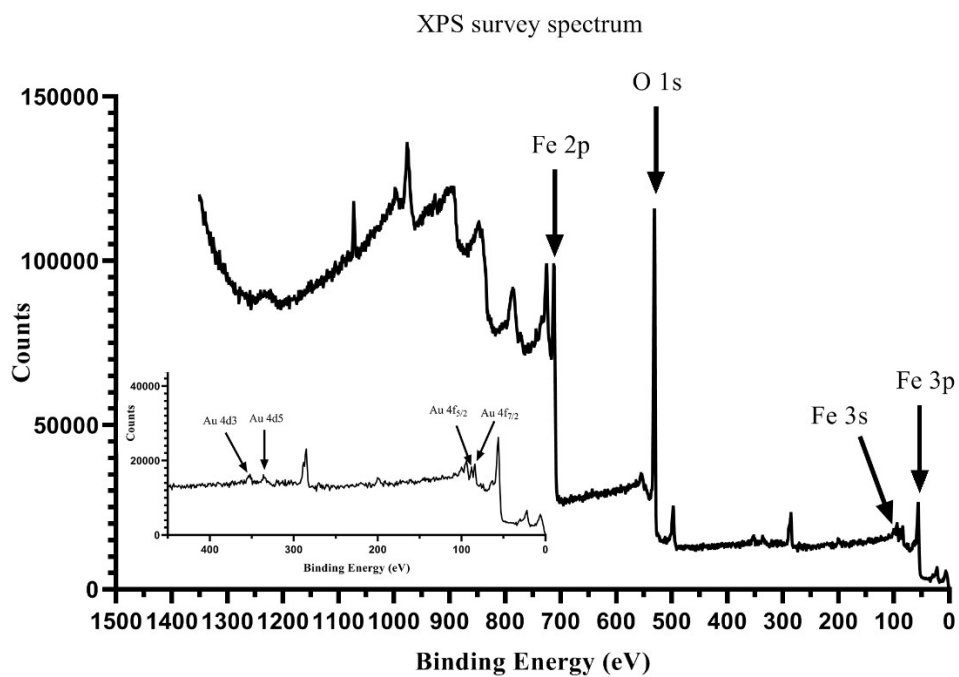


Fig. 3S. XPS survey spectra of F-Au.

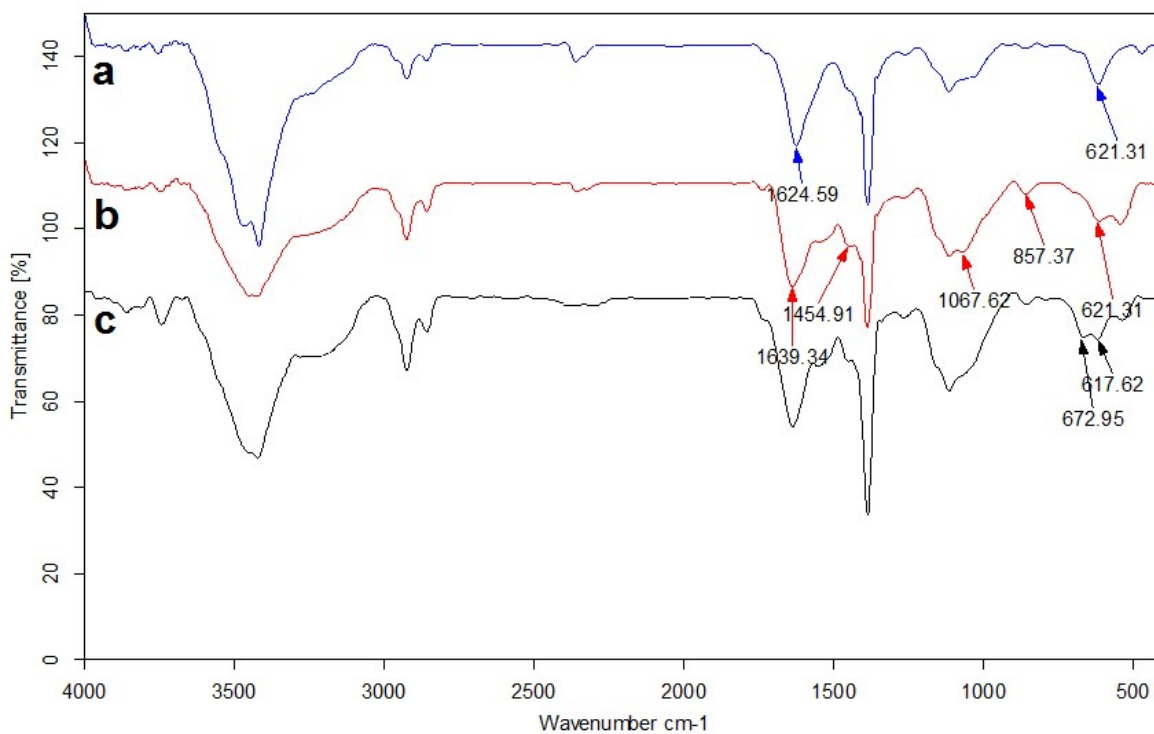


Fig. 4S. FTIR spectra of : a) F-Au, b) F-Au-BSA-MTX, and c) F-Au-BSA-MTX-CUR.

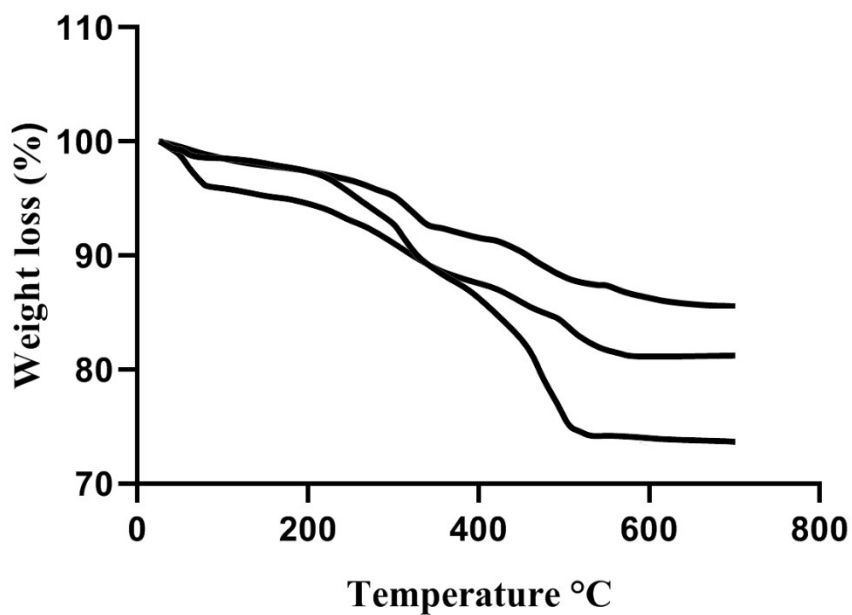


Fig. 5S. Thermograms of the F-Au-BSA and F-Au-BSA-MTX and F-Au-BSA-MTX-CUR

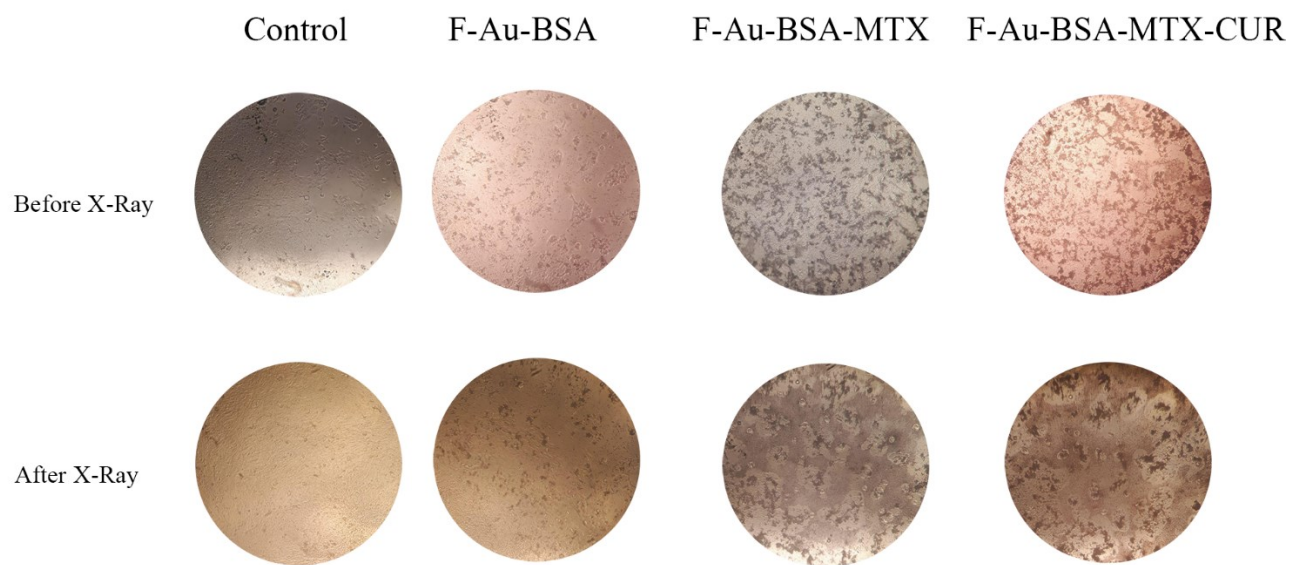


Fig. 6S. Microscopic images of treated 4T1 cells with F-Au-BSA, F-Au-BSA-MTX, and F-Au-BSA-MTX-CUR samples before and after X-Ray irradiation.

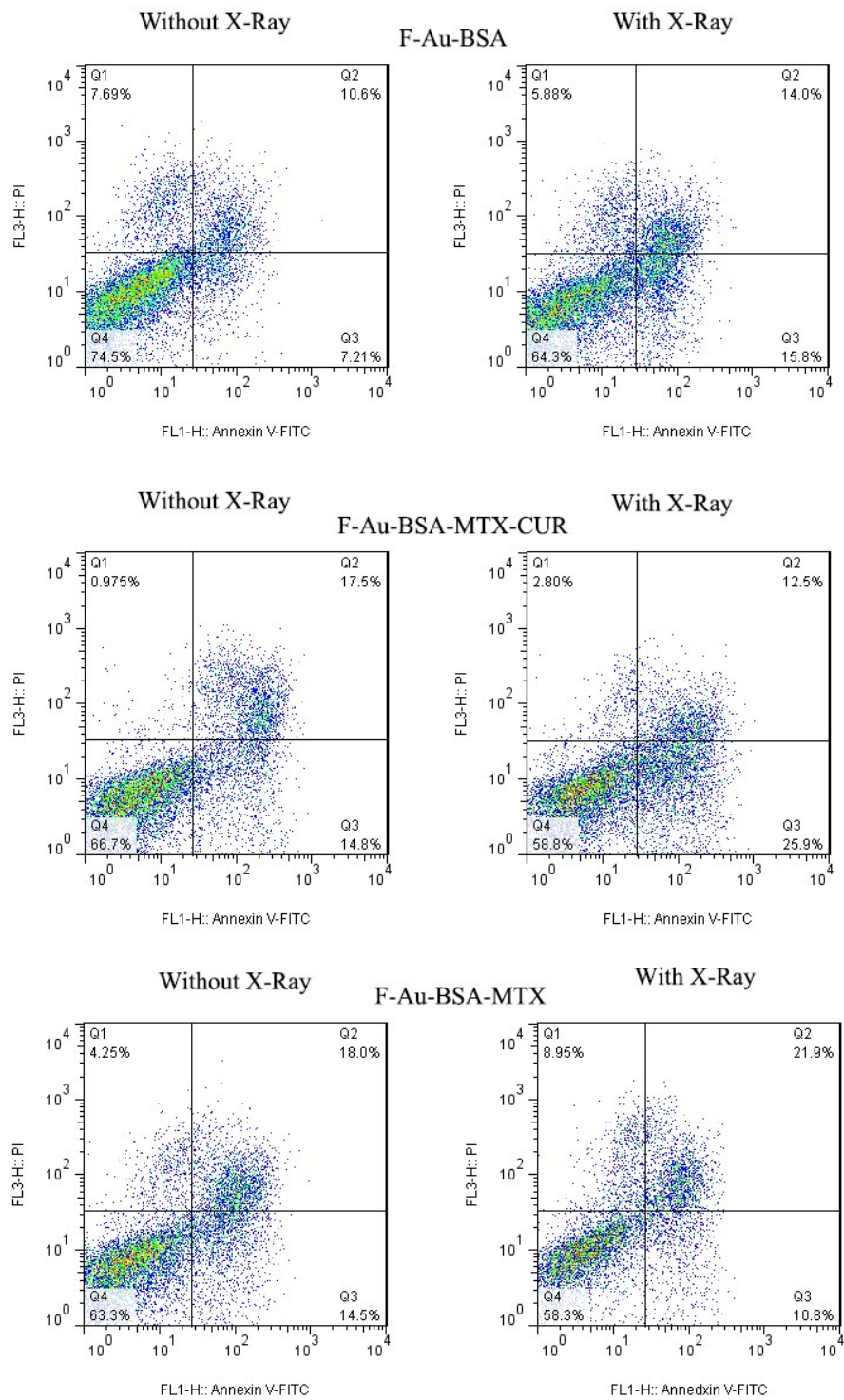


Fig. 7S. Flow chart of flow cytometry analysis.

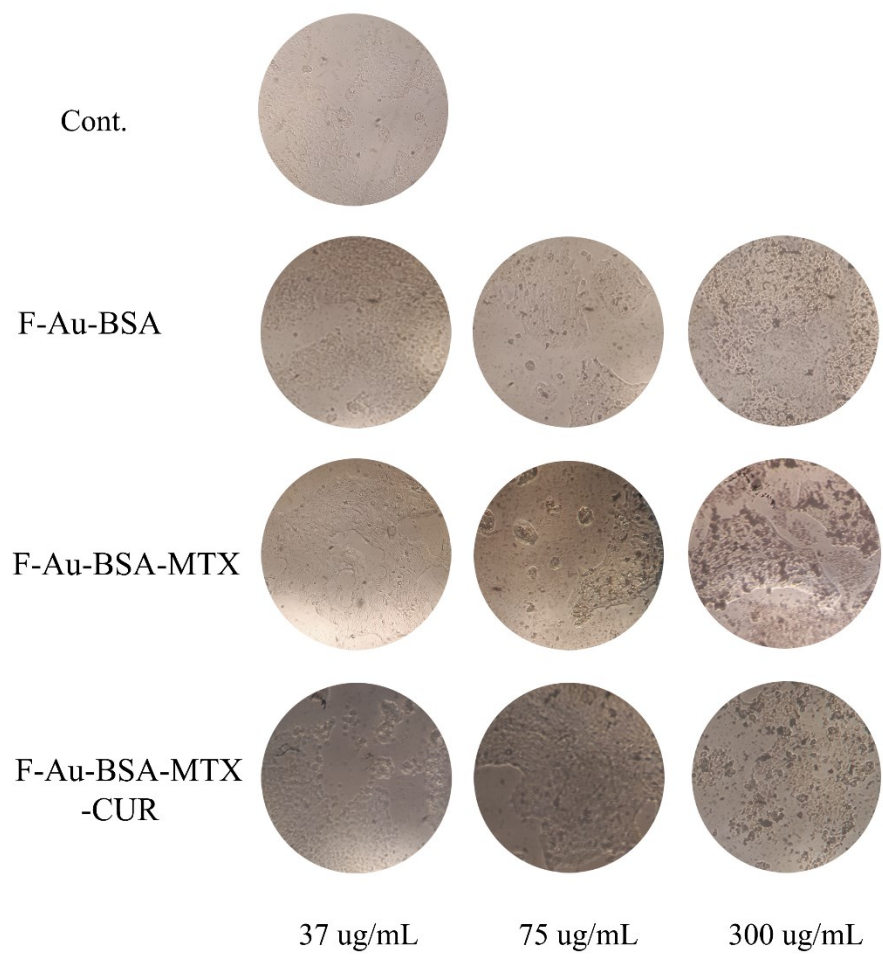


Fig. 8S. Microscopic images of treated 4T1 cells with F-Au-BSA, F-Au-BSA-MTX, and F-Au-BSA-MTX-CUR samples.

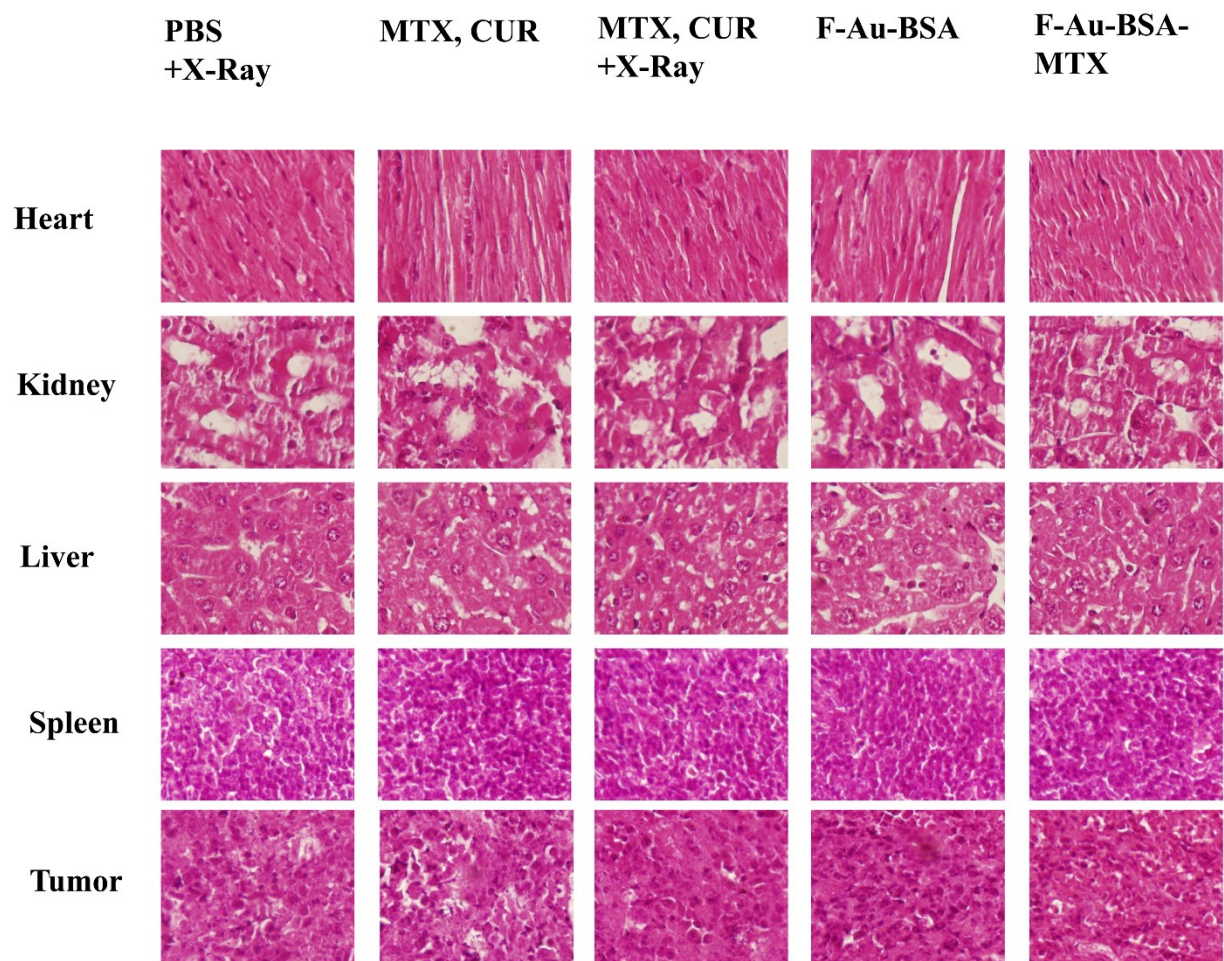


Fig. 9S. Representative images of H&E staining of the tumors and key organs.