## **Electronic Supplementary Information**

## Cancer cell targeting, controlled drug release and intracellular fate of

## biomimetic membrane-encapsulated drug-loaded nano-graphene

## oxide nanohybrids

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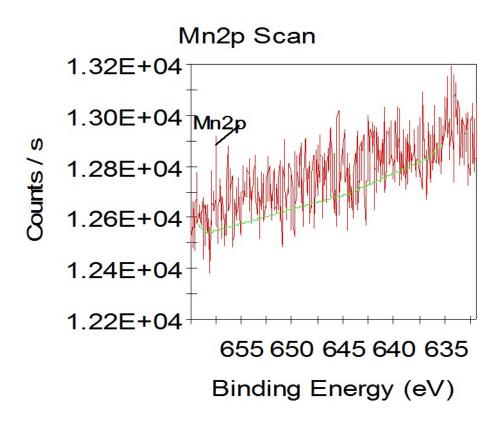


Fig. S1. XPS spectrum of NGO. The intensity of the Mn 2p peak for NGO was negligible, verifying the absence of Mn and thus the high purity of NGO.

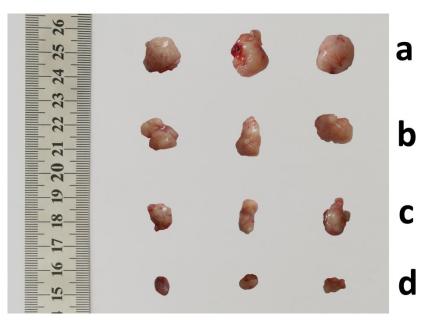


Figure S2. Representative photos of tumor tissues obtained in different groups (a: saline, b: free DOX, c: NGO/DOX@SPC, d: NGO/DOX@SPC-FA) after 14 days of treatment.