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## **ACCEPTED MANUSCRIPT**

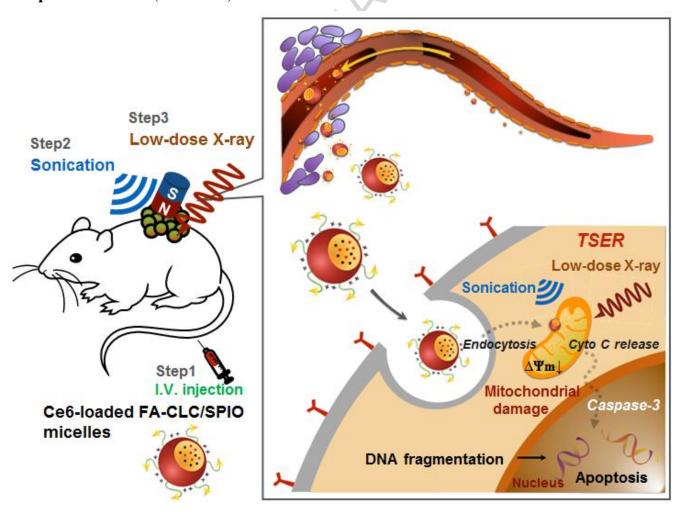
#### A magnetic vehicle realized tumor cell-targeted radiotherapy using low-dose radiation

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#### **Graphical Abstracts (for review)**



A newly proposed tumor-cell targeted radiotherapy, Ce6 was effectively delivered to mitochondria and subsequently sensitized by ultrasound to lower radiation resistance, was employed to maximize the destruction to tumor cells and minimize the harm to normal cells with the use of low dose of therapeutic agent and radiation.

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