

## Electronic Supplementary Information

### **Deposition of Gadolinium within Shell Structure of Micelles for Integrated Magnetic Resonance Imaging and Robust Drug Delivery System**

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### In vitro release of Gd(III)

The release behavior of Gd(III) from hybrid micelles was evaluated in PBS (10 mM, pH = 7.4) at 37 °C. The formed hybrid micelles were placed into dialysis tube and immersed in 50 ml PBS, the released solution were collected at predetermined time intervals and replenished with equivalent PBS. The Gd(III) concentration of hybrid micelles and the released Gd(III) concentration were carried on an ICP-MS system (Thermo iCAP Qs ICP-MS). The cumulative release of Gd(III) is calculated as amount of released Gd(III)/ amount of loaded Gd(III)\*100%.

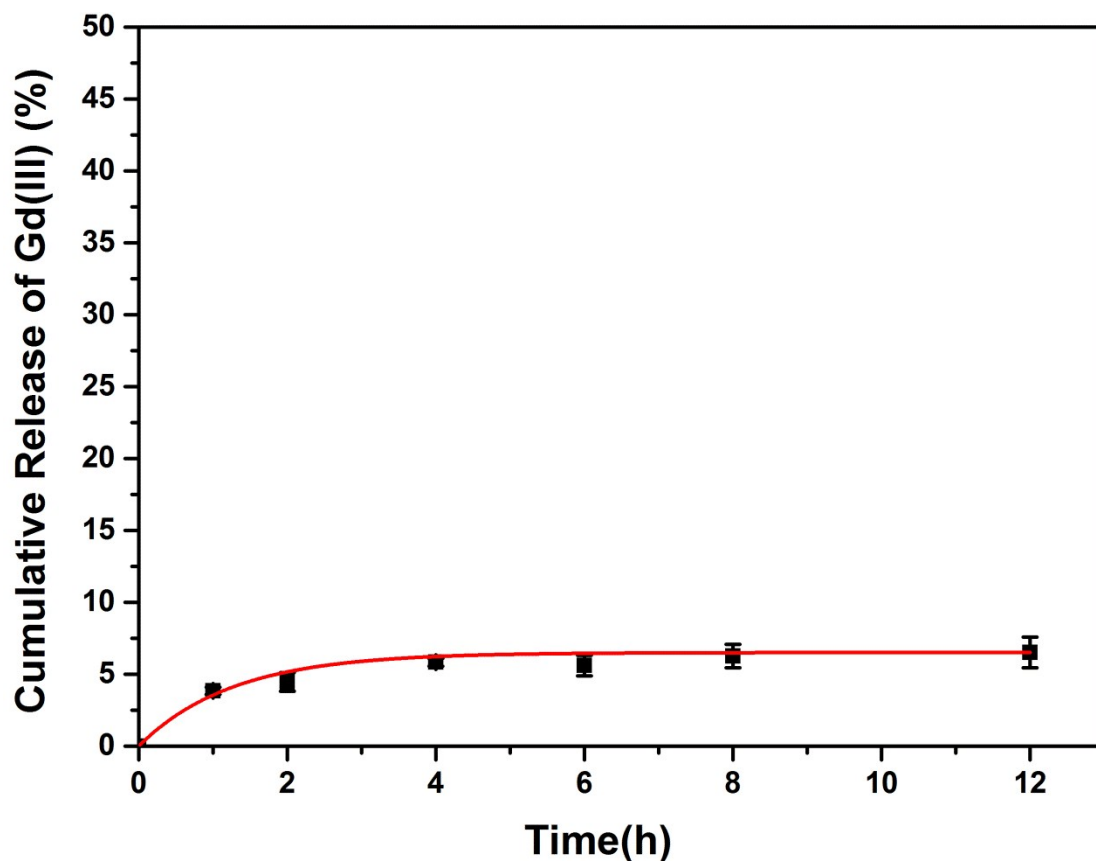


Figure S1. Release profile of Gd(III) from hybrid micelles in PBS (pH 7.4).