Electronic Supplementary Material (ESI) for New Journal of Chemistry

Supporting information for:

Facile and Large-Scale Synthesis of Monodisperse $Gd(OH)_3$ Nanorods for in Vivo MR Imaging with Low Toxicity

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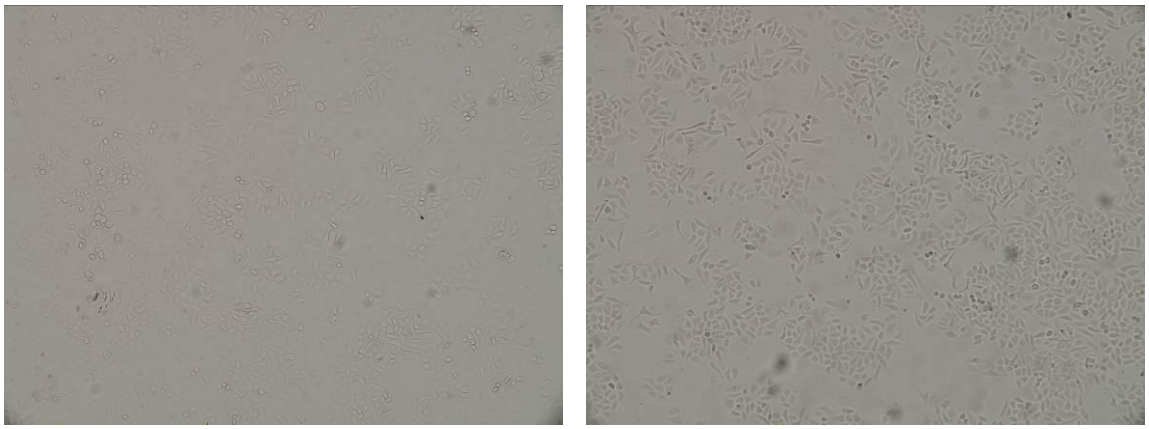
Figure S1. Photo of powder of $Gd(OH)_3$ nanorods. The sample was totally dried and placed in one 4cm dish. The nanorods were synthesized in two Teflon-lined stainless-steel autoclaves (50 mL).



(a) (b)

Figure S2. Microscopic images of HepG2 cells incubated without (a) and with (b) the nanorods for 48 h.

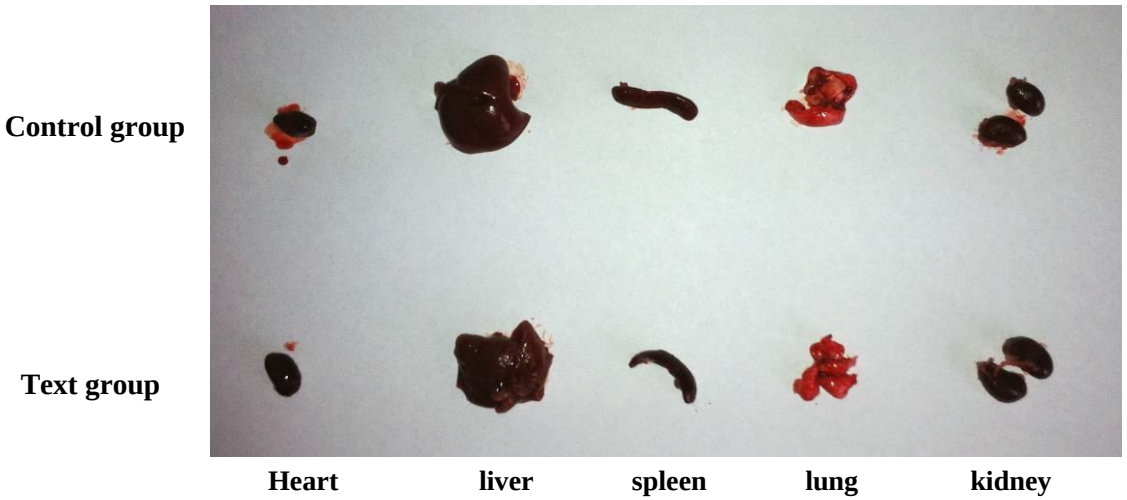


Figure S3. Organ changes of the mouse after intravenous injection of a single dose of $Gd(OH)_3$ nanorods solution. These organs were harvested from heart, spleen, liver, lung, as well as kidney.