Gadolinium oxysulfide nanoparticles as multimodal imaging agents for T_2-weighted MR, X-ray tomography and photoluminescence.

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SUPPLEMENTARY INFORMATION

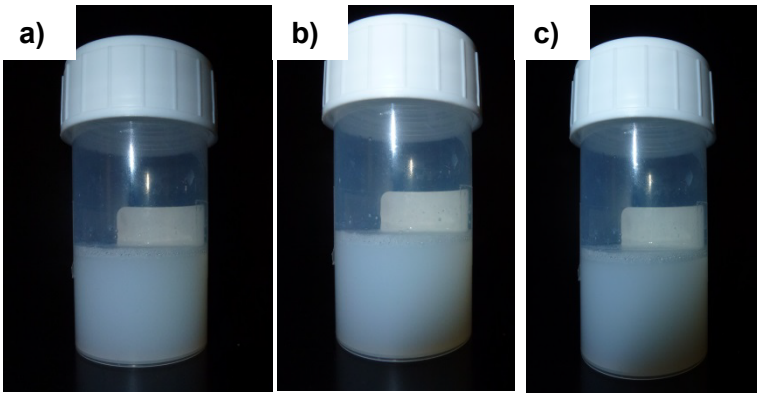

Figure S1: Photographs showing 3.3mg/mL of Gd_2O_2S NPs dispersed in water using polyethylene glycol (mol wt 3,000) as dispersing agent with $[Gd^{3+}]/[PEG]= 5$; resting after: (a) t= 0, (b) t= 5 min and (c) t= 10 min.

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Table S1: Table showing Gd_2O_2S NPs ($D_{measured\ by\ TEM}$ = 118 nm) size evolution of the colloidal suspension during resting time.

Resting time (min)	Hydrodynamic diameter (nm)	Size ditribution (%)	Average hydrodynamic diameter (nm)
0	192	100	183
5	222	100	203
10	242	90	212
	110	10	