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Supporting Information

Near-Infrared Persistent Luminescence Hollow Mesoporous Nanospheres for Drug Delivery and *In Vivo* Renewable Imaging

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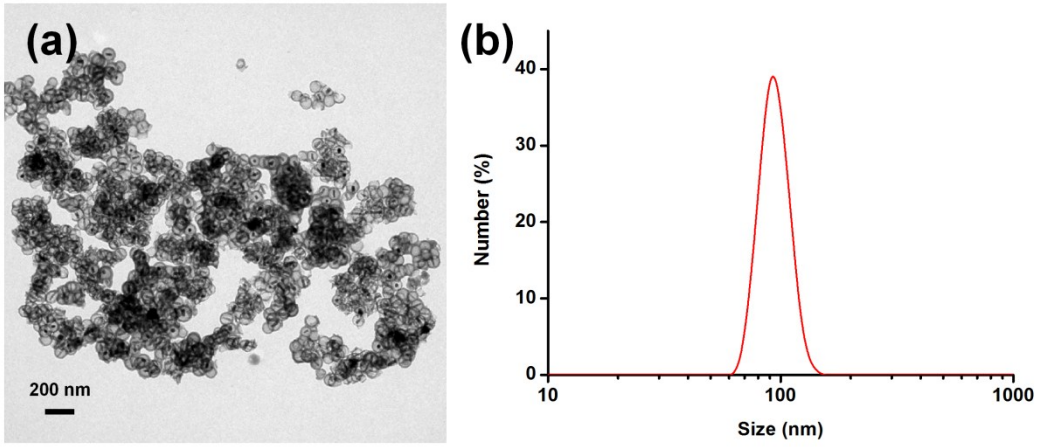

Fig. S1 (a) TEM images of $ZnGa_2O_4:Cr^{3+}$@HMS, (b) Dynamic light scattering spectrum of $ZnGa_2O_4:Cr^{3+}$@HMS.

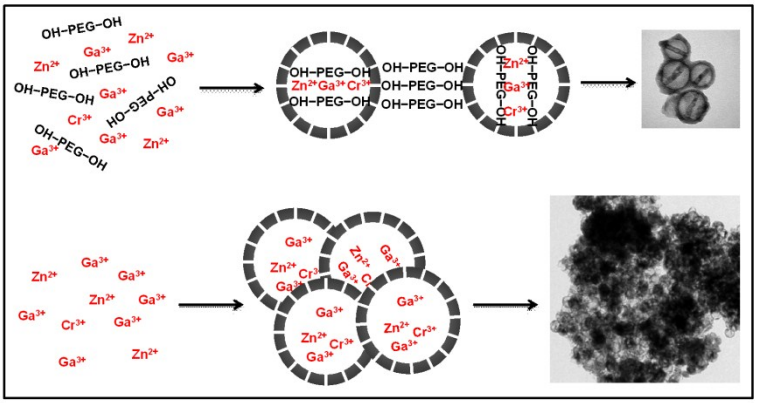

Fig. S2 Schematic illustration of the preparation of the stick-shell structure.

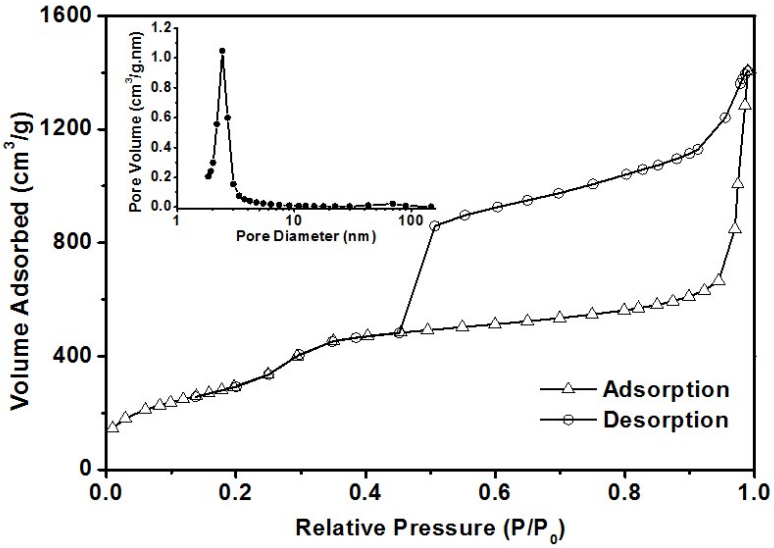

Fig. S3 N_2 adsorption/desorption isotherms of HMS, the inset is the corresponding pore size distribution.