Electronic Supplementary Material (ESI) for New Journal of Chemistry.

This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2018

## Supporting information

## The synthesis of core-shell Cu<sub>9</sub>S<sub>5</sub>@mSiO<sub>2</sub>-ICG@PEG-LA for photothermal and photodynamic therapy

Na An, Ying Wang, Meng Li, Huiming Lin,\* and Fengyu Qu\*

Key Laboratory of Photochemical Biomaterials and Energy Storage Materials,

Heilongjiang Province, College of Chemistry and Chemical Engineering, Harbin

Normal University, Harbin, 150025, P. R. China

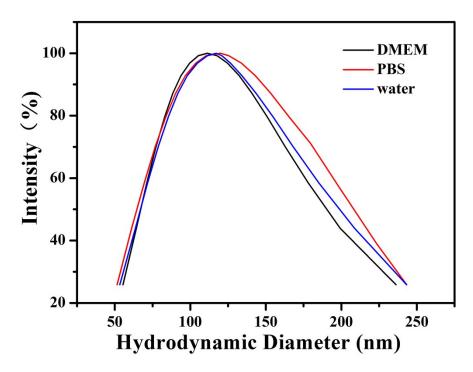


Fig. S1 The DLS analysis of  $Cu_9S_5@mSiO_2$ -ICG@PEG-LA in water, PBS and DMEM solution. There are not obvious changes between these media, showing the well dispersed stability of  $Cu_9S_5@mSiO_2$ -ICG@PEG-LA.