Electronic Supplementary Material (ESI) for RSC Advances.

This file replaces the original Supporting Information published on 11th June 2018 in which an incorrect version of Figure S2a was included. Figure S2a was corrected on 22nd December 2020.

Supporting Information:

Seedless Preparation of Au Nanorods by Hydroquinone Assistant and Red Blood Cell Membranes Camouflage

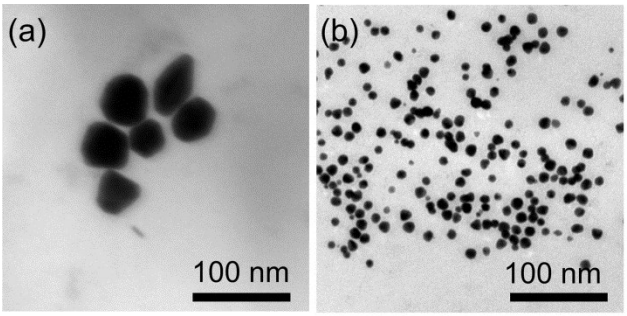

Figure S1. TEM images of the AuNRs that were prepared with the addition of 0 μL (a), and 60 μL (b) 10 mM $NaBH_4$. The amount of 0.05 M CTAB, 100 mM $HAuCl_4$, 0.1 M $AgNO_3$, and 30 mM HQ was fixed at 10 mL, 50 μL, 100 μL, and 1 mL, respectively.

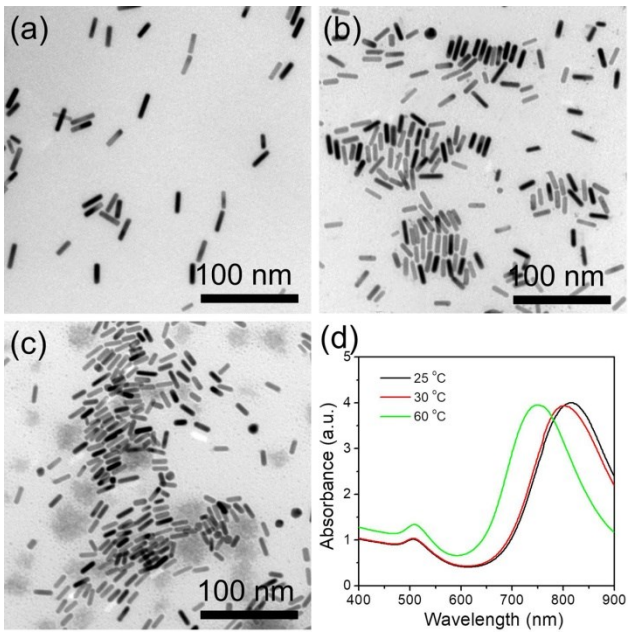

Figure S2. TEM images (a)-(c) and UV-vis-NIR absorption spectra (f) of the AuNRs prepared at different temperatures from 25 to 60 °C. The amount of 0.05 M CTAB, 100 mM $HAuCl_4$, 0.1 M $AgNO_3$, 30 mM HQ, and 10 mM $NaBH_4$ was 10 mL, 50 μL, 100 μL, 1 mL, and 15 μL, respectively.

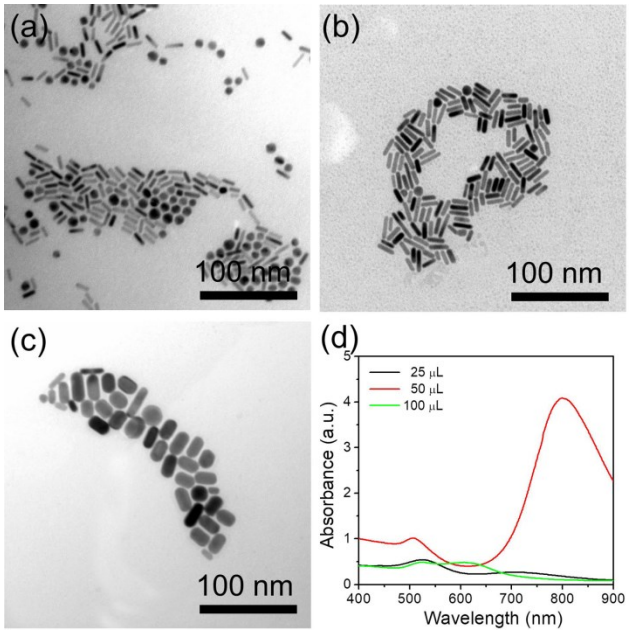

Figure S3. TEM images (a-c) and UV-vis-NIR absorption spectra (d) of the AuNRs were prepared with the addition of 100 mM $HAuCl_4$ from 25 μL to 100 μL. The amount of 0.05 M CTAB, 0.1 M $AgNO_3$, 30 mM HQ, and 10 mM $NaBH_4$ was fixed at 10 mL, 100 μL, and 1 mL, and 15 μL, respectively.

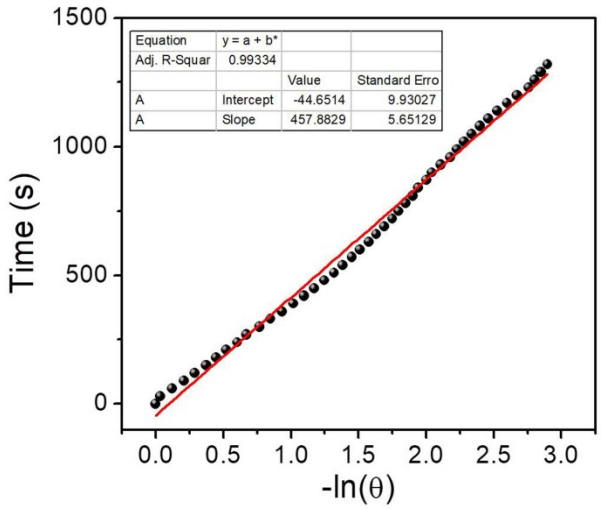

Figure S4. Time constant for heat transfer from the system is calculated to be τ_s =457.88 s by applying the linear time data from the cooling period *versus* negative natural logarithm of driving force temperature, which is obtained from Figure 6d.

The photothermal transduction efficiency was calculated by $\eta = \frac{hS(T_{Max} - T_{Surr}) - Q_{dis}}{I(1-10^{-A_{808}})}$

the η of 40 μg/mL AuNRs with the LSPR peak at 800 nm (28×7 nm) under the 1.5 W/cm^2 808 nm laser irradiation was calculated to be 80 %.

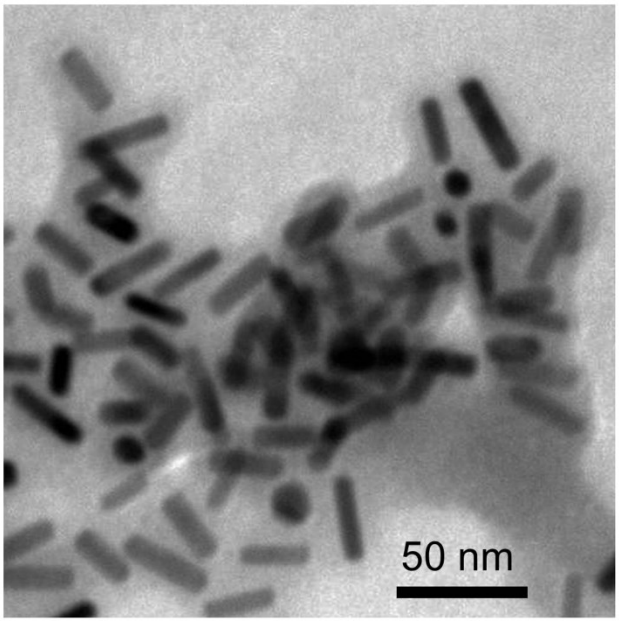

Figure S5. TEM image of RBCM-AuNRs after storing in PBS for 2 days.