

Thiol-responsive gold nanodot swarm with glycol chitosan for photothermal cancer therapy

SeongHoon Jo ^{1,2,†}, In-Cheol Sun ^{1,†}, Wan Su Yun ³, Jinseong Kim ³, Dong-Kwon Lim ³, Cheol-Hee Ahn ^{2,*}, and Kwangmeyung Kim ^{1,3,*}

¹ Center for Theragnosis, Biomedical Research Institute, Korea Institute of Science and Technology, 5, Hwarang-ro, Seongbuk-gu, Seoul 02792, Korea; jsh@kist.re.kr (S.J.); pfesun@kist.re.kr (I.-C.S.)

² Research Institute of Advanced Materials (RIAM), Department of Materials Science and Engineering, Seoul National University, 1 Gwanak-ro, Gwanak-gu, Seoul 08826, Korea

³ KU-KIST Graduate School of Converging Science and Technology, Korea University, 145 Anam-ro, Seongbuk-gu, Seoul 02841, Korea; ip9801@kist.re.kr (W.S.Y.); 218843@kist.re.kr (J.K.); dklm@korea.ac.kr (D.-K.L.)

* Correspondence: chahn@snu.ac.kr (C.-H.A.); kim@kist.re.kr (K.K.)

† These authors contributed equally to this work.

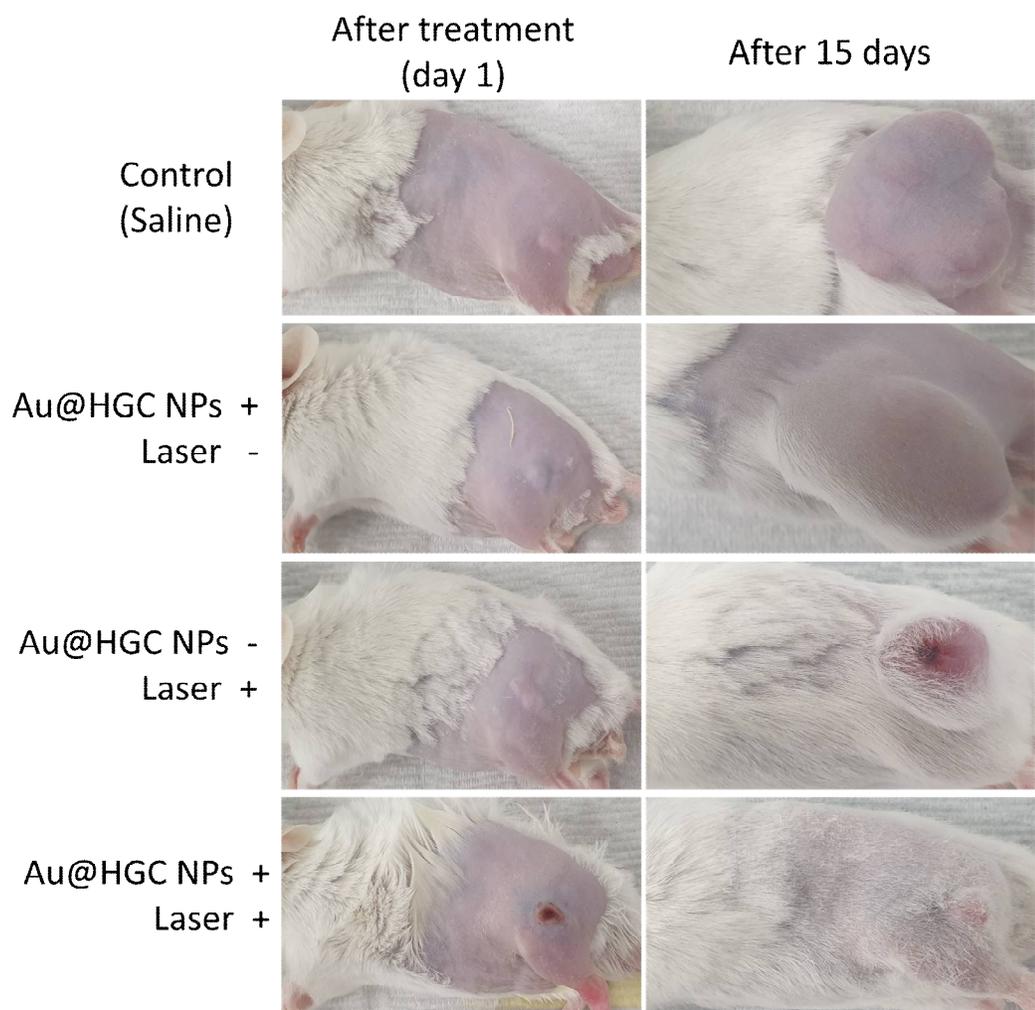
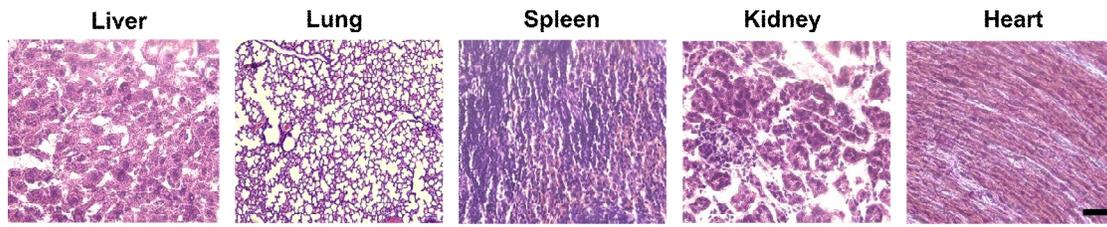


Figure S1. Representative Photographs of CT26-bearing mice after different treatments.



X40, scale bar = 20 μ m

Figure S2. Histology of other organs on 14 days after injection of AuNSw.