

Impacts of pH and Metal Ion Concentration on the Synthesis of Bimetallic and Trimetallic Nanorods from Gold Seeds

Zusing Yang, Yang-Wei Lin, Wei-Lung Tseng, and Huan-Tsung Chang^{*}

Department of Chemistry, National Taiwan University, Taipei,
Taiwan

Tel./fax: 011-886-2-23621963
E-mail: changht@ntu.edu.tw

Fig. S1 TEM image of the as-prepared gold NRs.

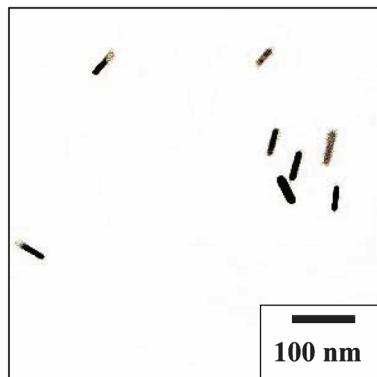


Fig. S2 TEM images and UV spectra of the Au–Ag bimetallic NRs prepared in the presence of 10^{-4} M Fe^{3+} at (a) pH 8.0, (b) pH 9.5, and (c) pH 10.5.

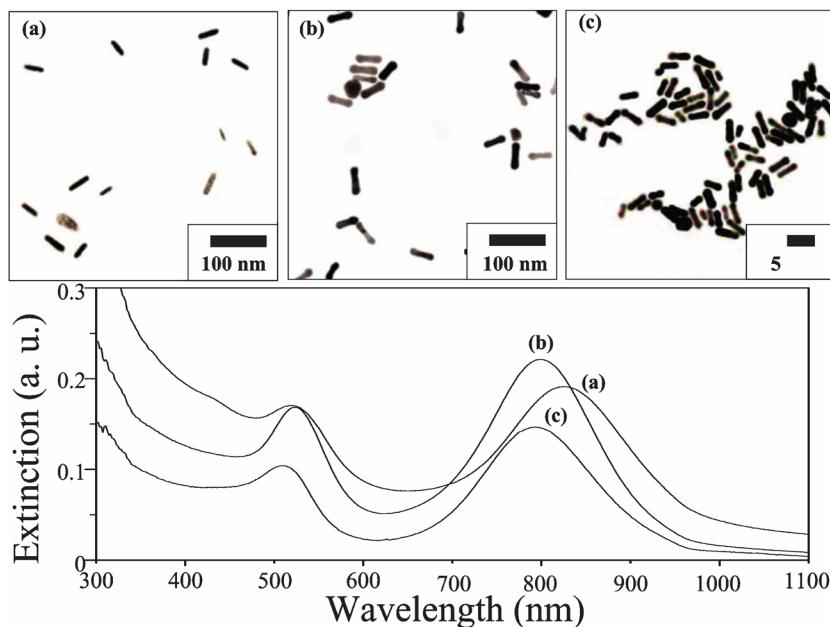


Fig. S3 TEM images and UV spectra of the Au–Ag bimetallic NRs prepared in the presence of

10^{-4} M Co^{2+} at (a) pH 8.0, (b) pH 9.5, and (c) pH 10.5.

