

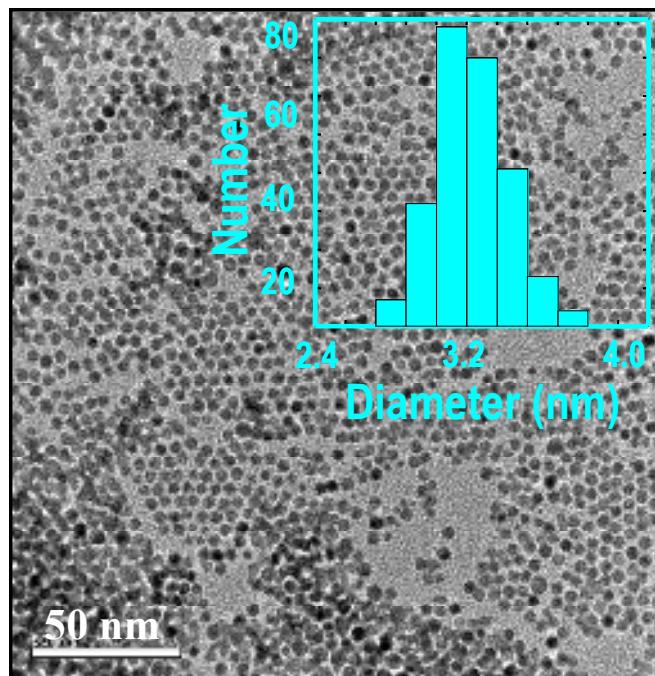
# Supporting Information

## Fluorescent gold nanoparticle superlattices\*\*

Naoki Nishida, Edakkattuparambil S. Shibu, Hiroshi Yao, Tsugao Oonishi, Keisaku Kimura\* and Thalappil Pradeep\*

[\*] Prof. Thalappil Pradeep, Edakkattuparambil S. Shibu  
DST Unit on Nanoscience (DST UNS)  
Department of Chemistry and Sophisticated Analytical Instrumentation Facility  
Indian Institute of Technology Madras  
Chennai 600 036 (India)  
Email: [pradeep@iitm.ac.in](mailto:pradeep@iitm.ac.in)

Prof. Keisaku Kimura, Prof. Hiroshi Yao, Naoki Nishida, Tsugao Oonishi  
Graduate School of Material Science  
University of Hyogo  
3-2-1 Koto, Kamigori-cho, Ako-gun  
Hyogo 678-1297 (Japan)  
Email: kimura@sci.u-hyogo.ac.jp



**Figure S1.** TEM image of the Au@MSA/SAMSA powder sample and its size histogram. The mean diameter is 3.43nm.