

Supporting information

**Luminescent AuNPs@Tb/Adenosine Monophosphate  
Nanostructures for 2, 6-Pyridinedicarboxylic Acid Detection**

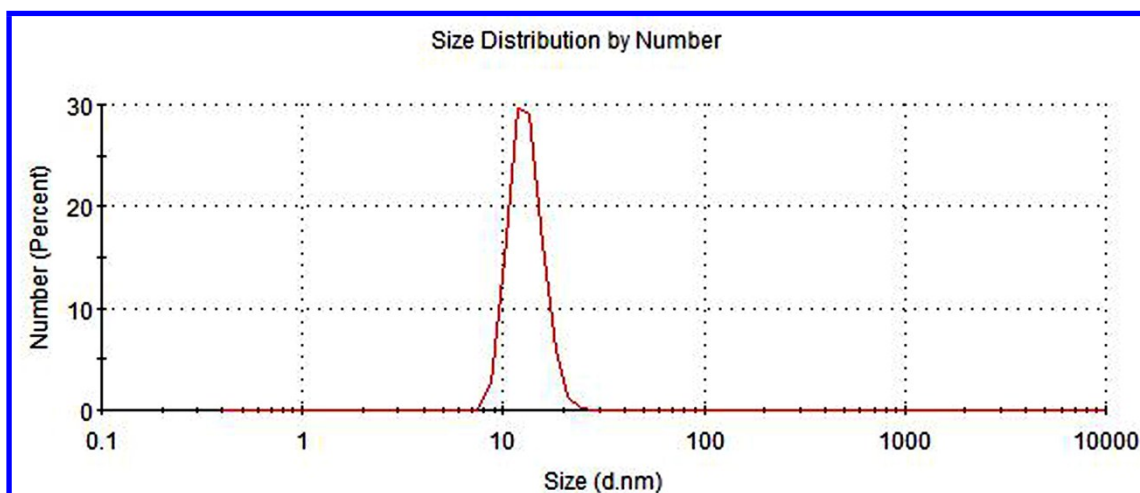
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Yonghai Song\*

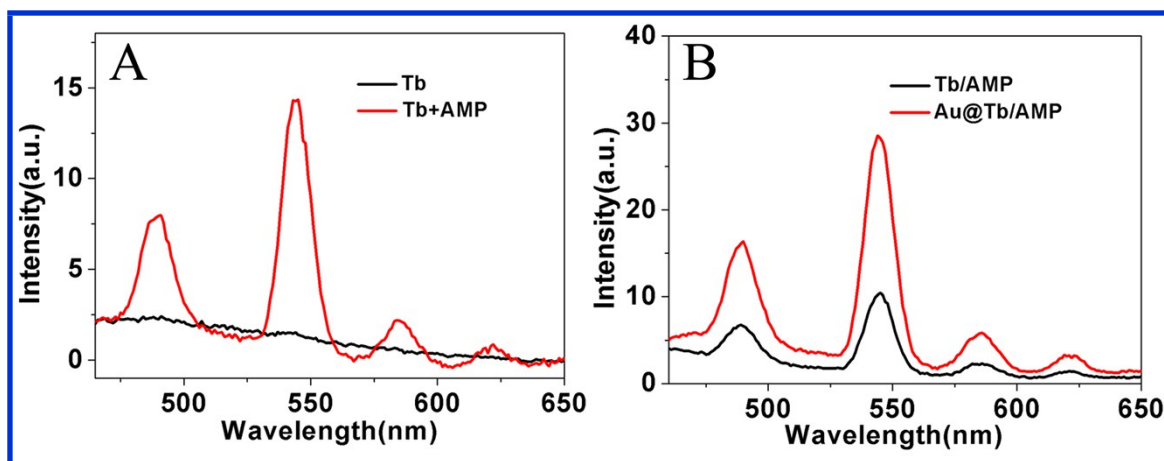
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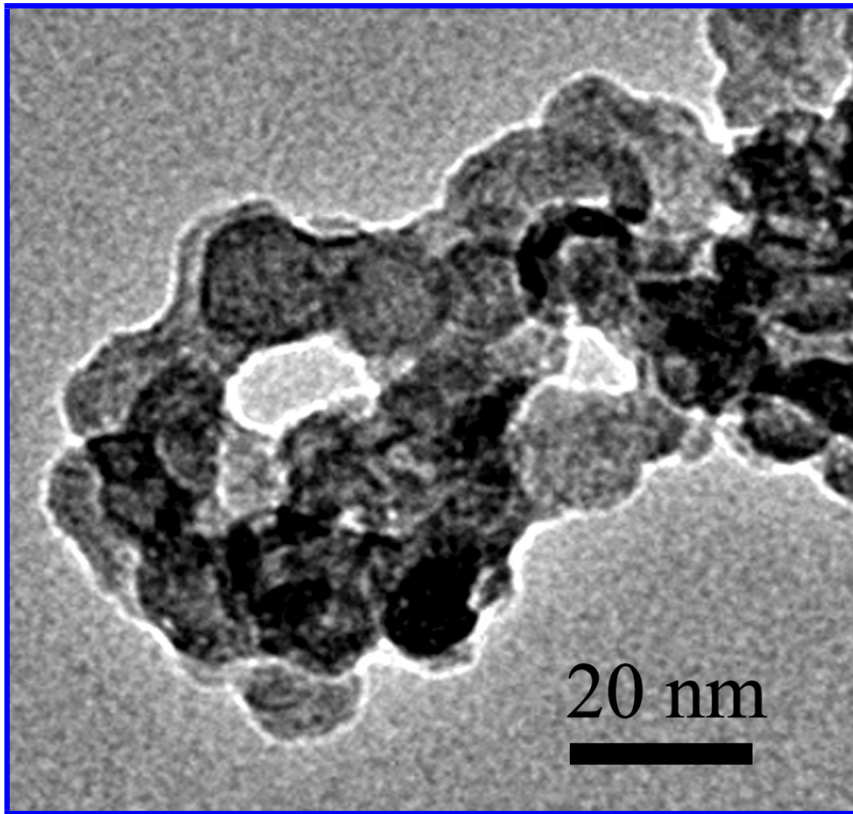
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**Fig. S1.** Size distribution of AuNPs measured by DLS.



**Fig. S2.** (A) Emission spectra of  $Tb^{3+}$  and Tb/AMP NCPs. (B) Emission spectra of 0.15 mg/mL Tb/AMP NCPs and 0.15 mg/mL AuNPs@Tb/AMP NCPs.



**Fig. S3.** TEM image of AuNPs@Tb/AMP NCPs/DPA.