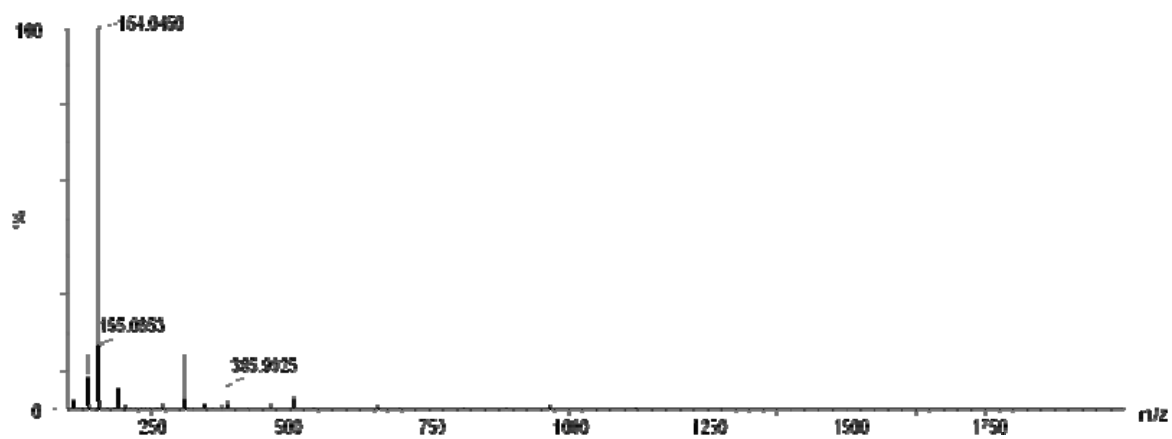


# Supporting Information for

## Blending of H<sub>2</sub>AuCl<sub>4</sub> and Histidine in the Aqueous Solution: A Simple Approach to Au<sub>10</sub> Cluster

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**Figure S1.** The whole mass spectrum ( $m/z = 0-2000$ ) of gold clusters dissolved in water.

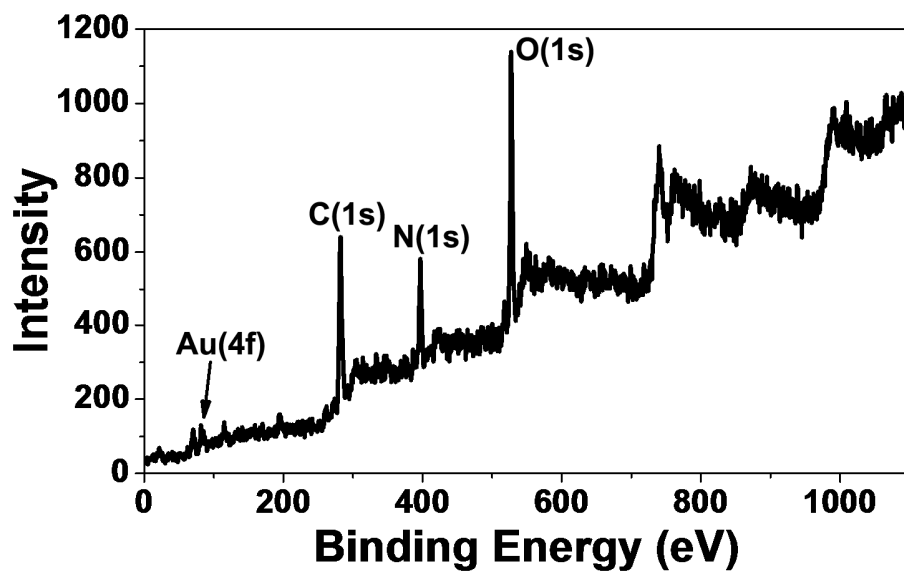
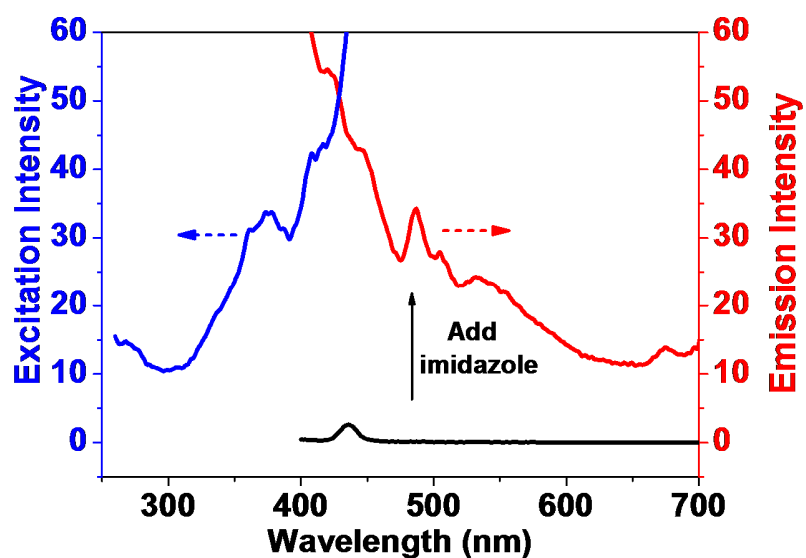


Figure S2. The whole XPS spectrum of gold clusters.



**Figure S3.** Photoluminescence excitation (blue) and emission (red) spectra of the aqueous gold cluster solution reduced by imidazole and stabilized by alanine. The emission spectra of the solution generated by mixing  $\text{HAuCl}_4$  and alanine before adding imidazole was taken as control. Concentrations of all the samples were the same.