

Supplementary Materials

Conjugates of AuNPs and antitumor gold(III) complexes as a tool for their AFM and SERS detection in the biological tissue

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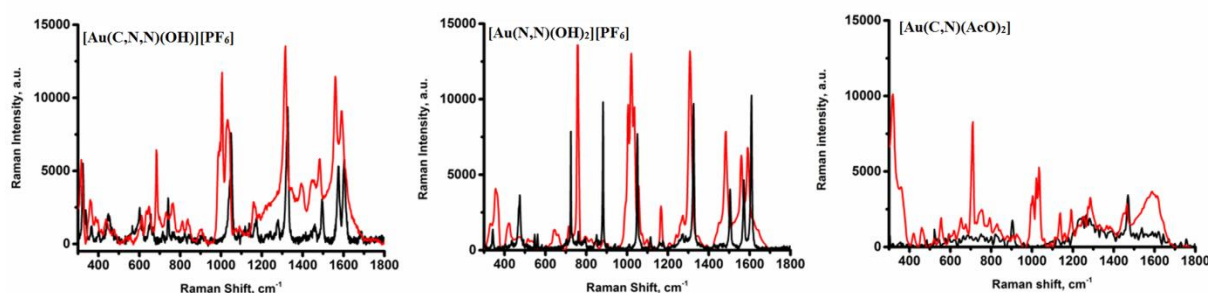


Figure S1. Comparison of Raman (black lines) and SERS (red lines) spectra of $[\text{Au}(\text{C},\text{N},\text{N})(\text{OH})][\text{PF}_6]$, $[\text{Au}(\text{N},\text{N})(\text{OH})_2][\text{PF}_6]$ and $[\text{Au}(\text{C},\text{N})(\text{AcO})_2]$ complexes. $c_{\text{complex}} = 2 \times 10^{-6} \text{ M}$, $c_{\text{AuNPs}} = 2 \times 10^{-10} \text{ M}$.

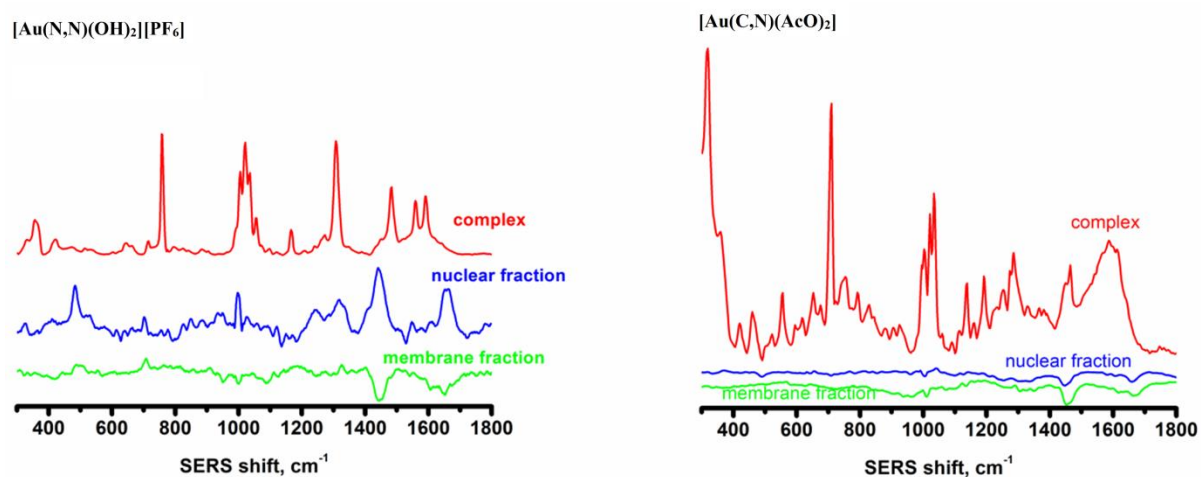


Figure S2. SERS spectra of $2 \times 10^{-6} \text{ M}$ $[\text{Au}(\text{N},\text{N})(\text{OH})_2][\text{PF}_6]$ and $[\text{Au}(\text{C},\text{N})(\text{AcO})_2]$ in water solution, nuclear and membrane cell fractions, in the presence of 10^{-10} M AuNPs.