Investigating the Cellular Uptake of Model Nanoplastics by Single Cell ICP-MS

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Supporting Information

Figure S1

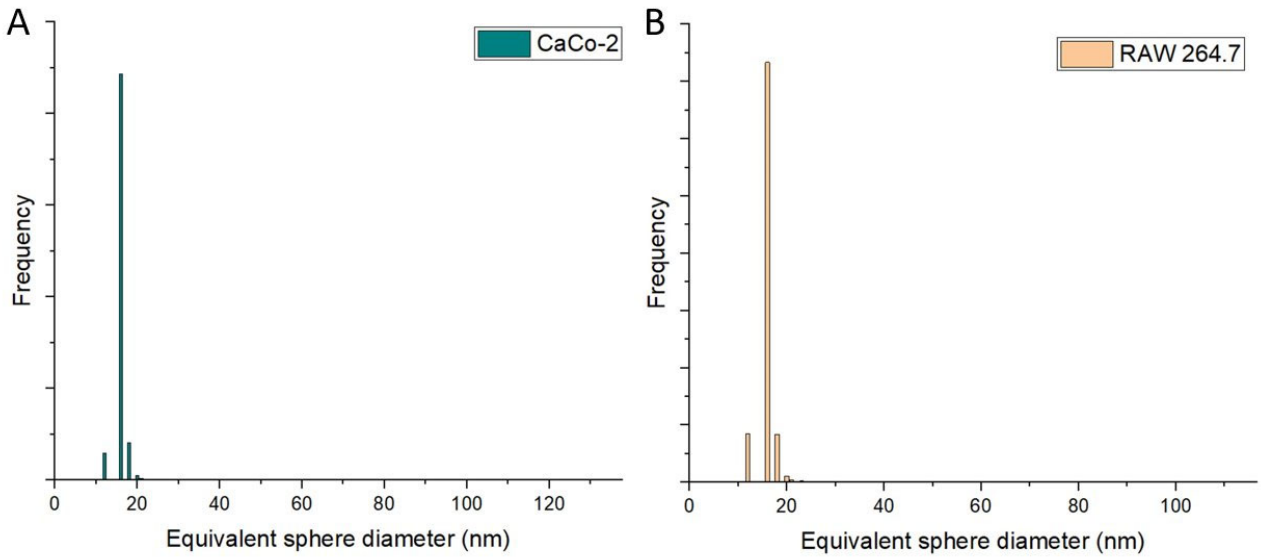

***Figure S1**. Equivalent sphere diameter of control CaCo-2 (A) and RAW 264.7 (B) cells. The distributions are almost identical and are likely arising from background noise of scICP-MS instrument.*

Figure S2

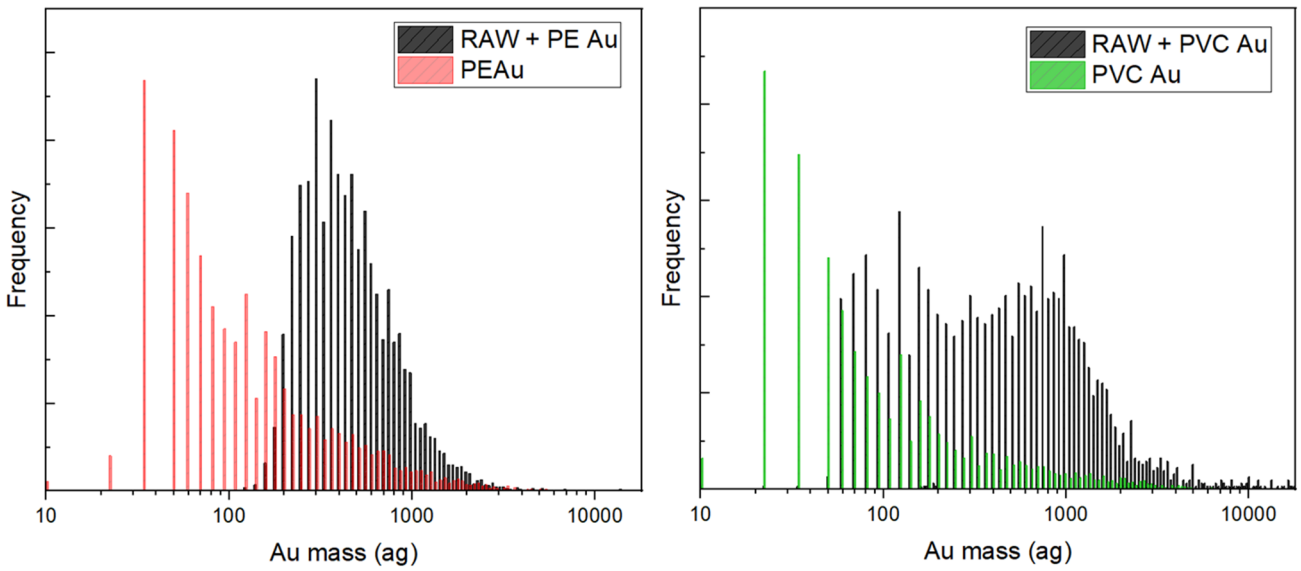

***Figure S2**. (left) Au mass distribution of PE Au (red) and RAW 264.7 cells incubated with PE Au for 48 hours (black) at the concentration of 1 µg mL^{-1}. (right) Au mass distribution of PVC Au (green) and RAW 264.7 cells incubated with PVC Au for 48 hours (black) at the concentration of 1 µg mL^{-1}.*

Figure S3

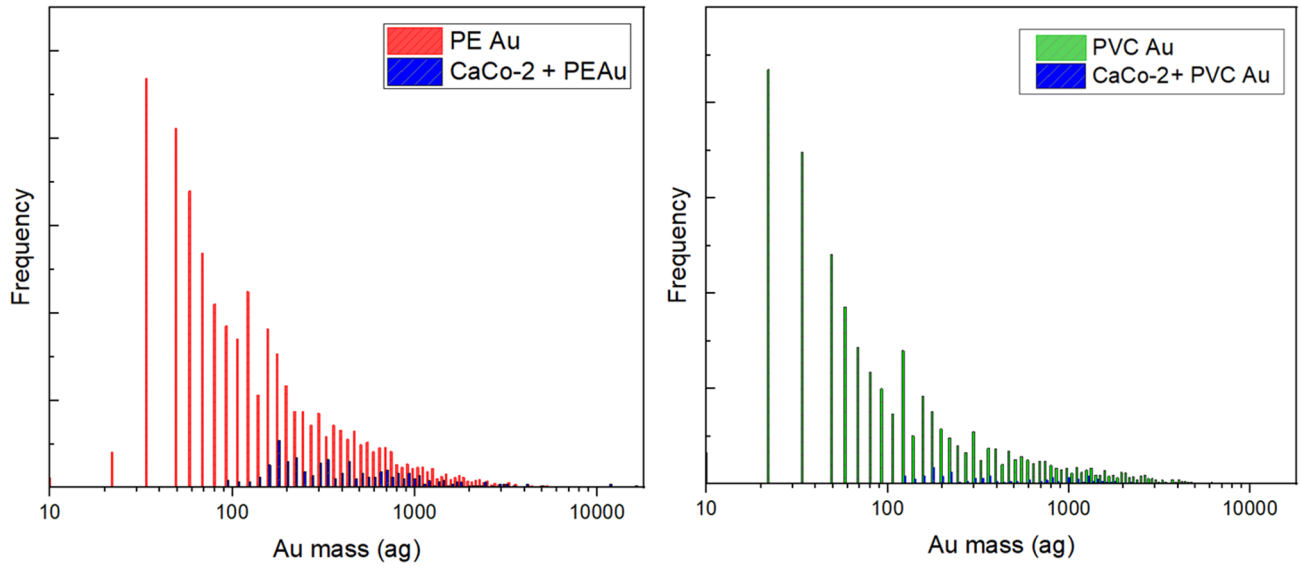

***Figure S3**. (left) Au mass (actograms) distribution of PE Au (red) and CaCo-2 cells incubated with PE Au for 48 hours (blue) at the concentration of 1 µg mL^{-1}. (right) Au mass (actograms) distribution of PVC Au (green) and CaCo-2 cells incubated with PVC Au for 48 hours (blue) at the concentration of 1 µg mL^{-1}.*

Figure S4

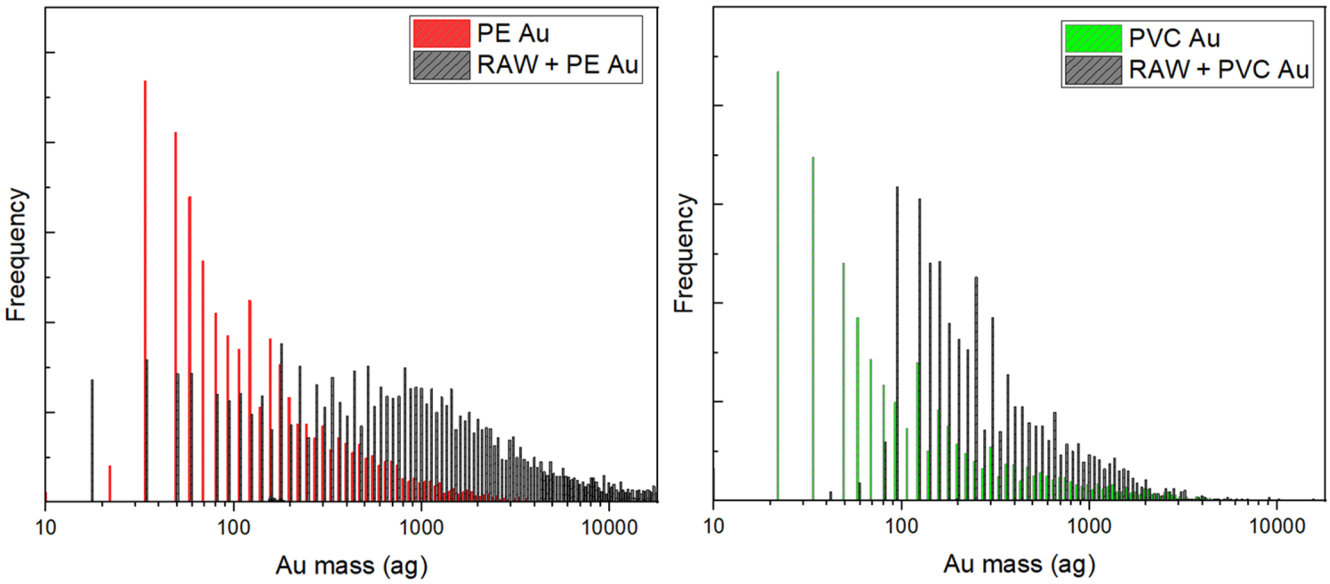

Figure S4. *(left) Au mass (actograms) distribution of PE Au (red) and RAW 264.7 cells incubated with PE Au for 48 hours (black) at the concentration of 100 µg mL^{-1}. (right) Au mass (actograms) distribution of PVC Au (green) and RAW 264.7 cells incubated with PVC Au for 48 hours (black) at the concentration of 100 µg mL^{-1}.*

Figure S5

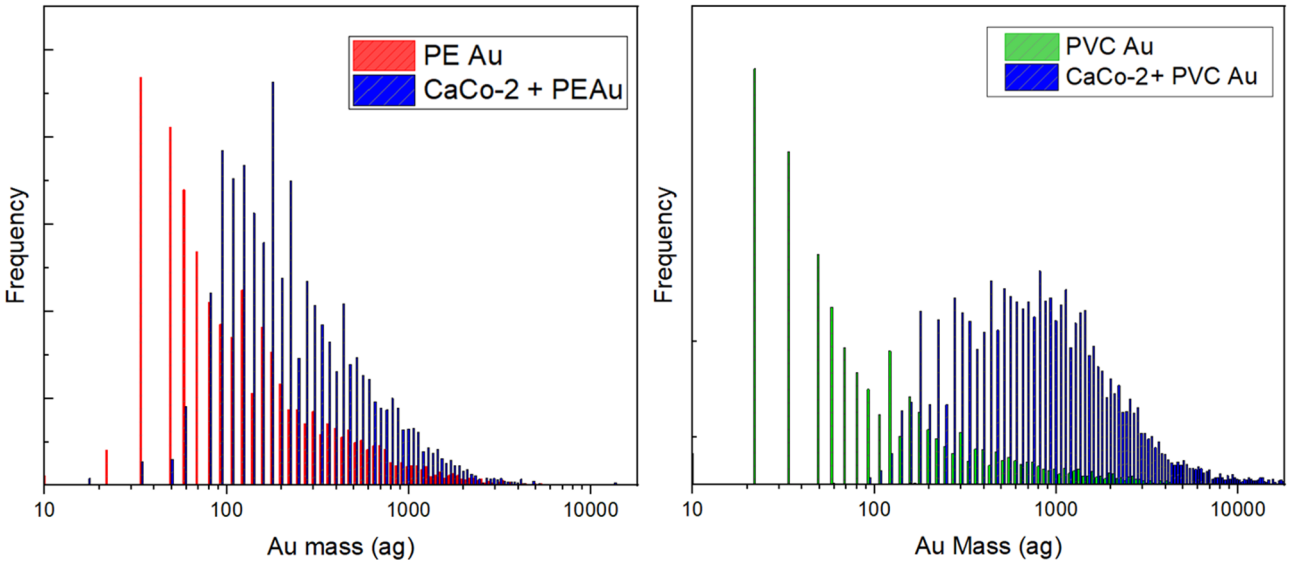

Figure S5. *(left) Au mass (actograms) distribution of PE Au (red) and CaCo-2 cells incubated with PE Au for 48 hours (blue) at the concentration of 100 µg mL^{-1}. (right) Au mass (actograms) distribution of PVC Au (green) and CaCo-2 cells incubated with PVC Au (blue) for 48 hours at the concentration of 100 µg mL^{-1}.*