

A simple approach to obtain hybrid Au-loaded polymeric nanoparticles with tunable metal load.

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Supporting Information

w/o/w Au-PLGA emulsions

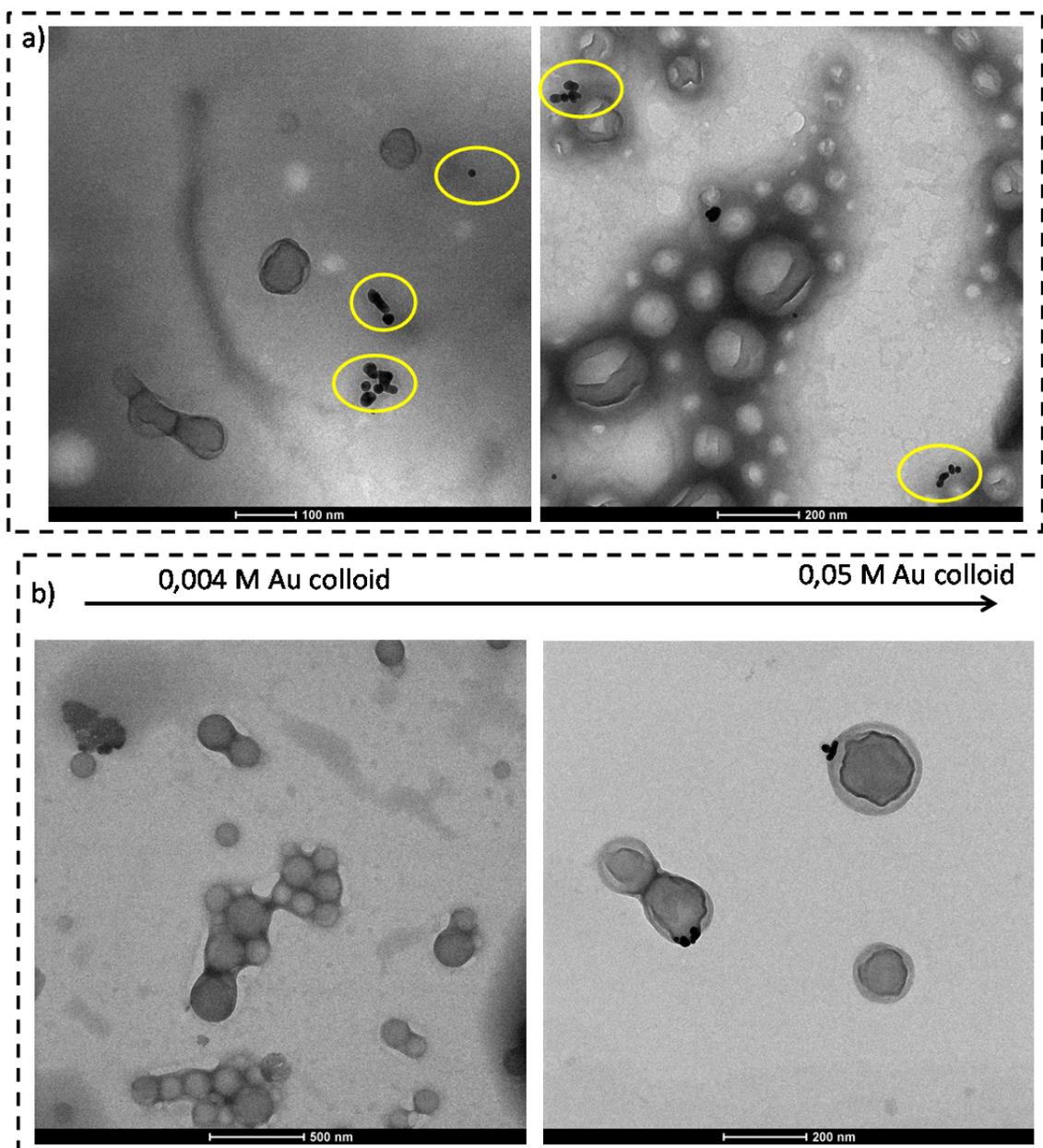
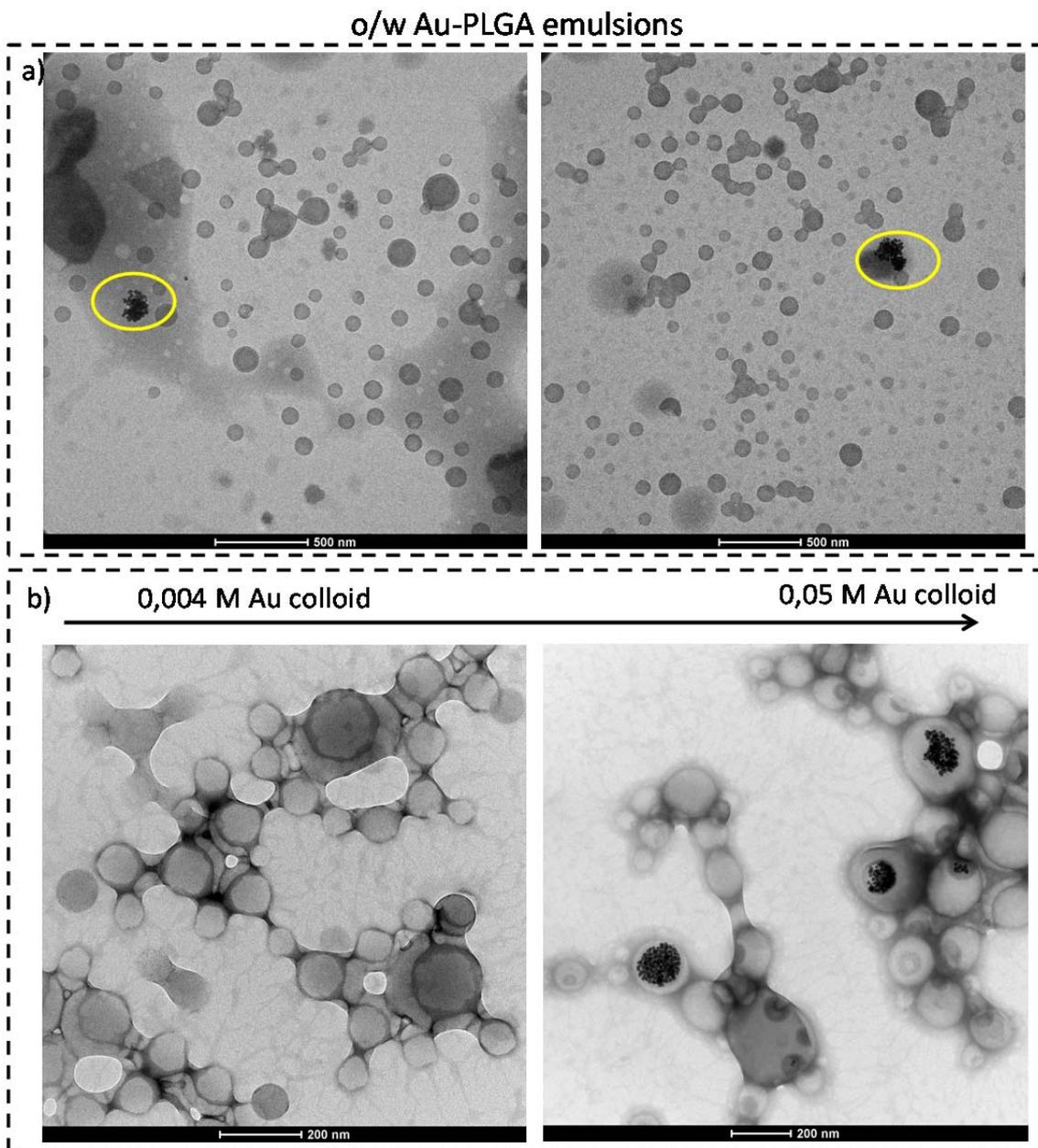


Figure S1.- TEM micrographs of Au-PLGA hybrid nanoparticles produced by the direct encapsulation method in w/o/w emulsion. a) Marked areas show the location of Au-NPs outward from the PLGA-NPs; b) Au aggregation as the concentration of Au colloid is increased.



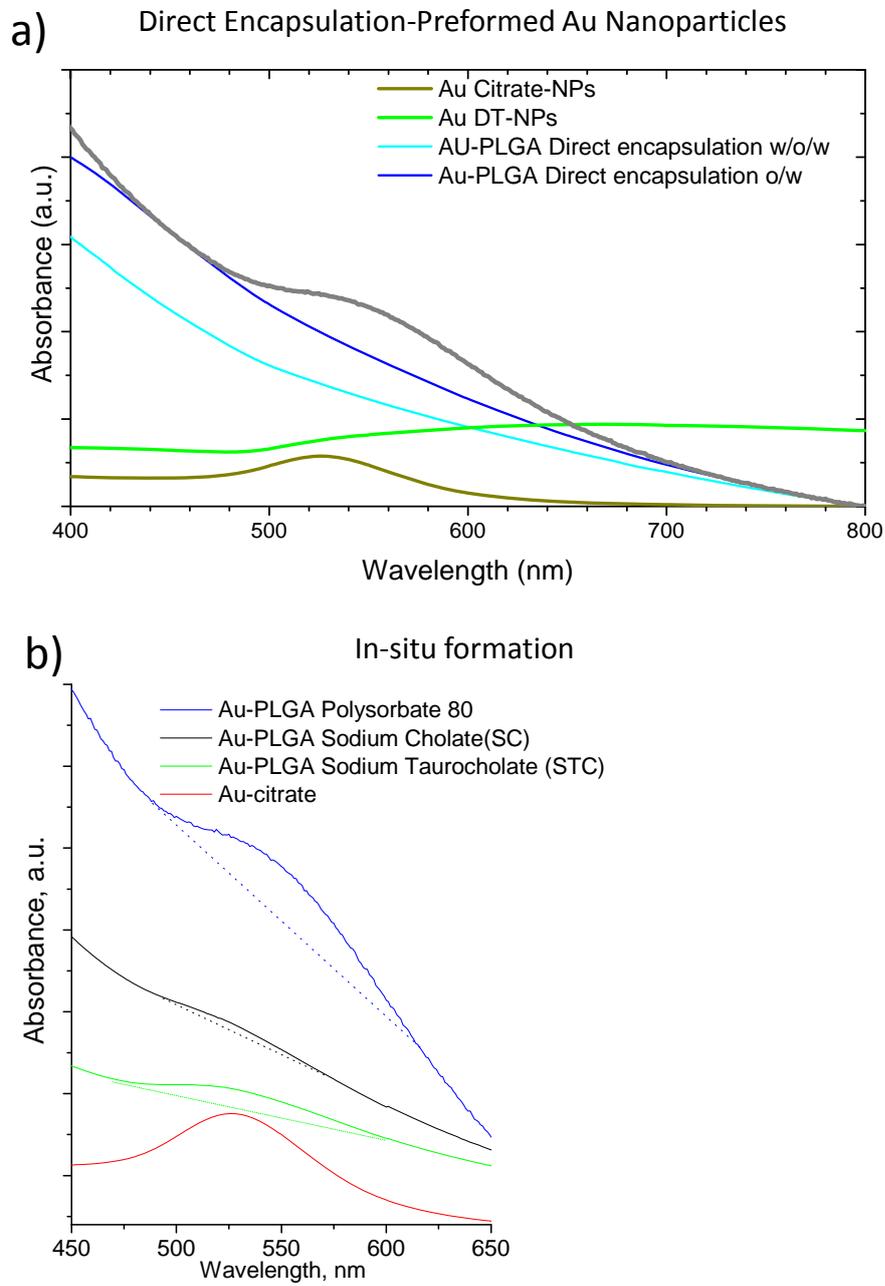


Figure S3.- UV-VIS spectra of the Au-NPs and Au-PLGA NPs produced in this work: a) Direct encapsulation approach, b) *In-situ* reduction.

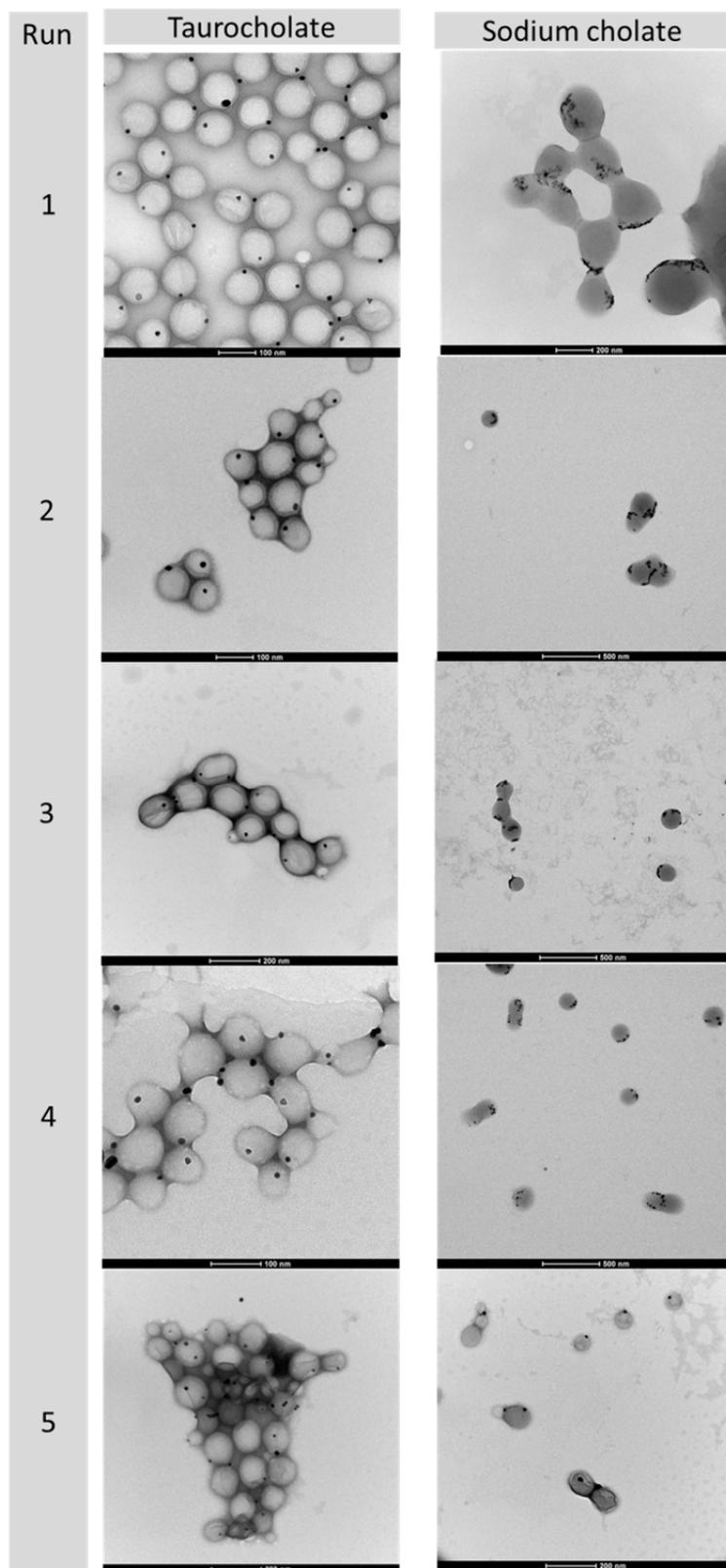


Figure S4.- TEM micrographs of Au-PLGA hybrid nanoparticles produced by the *in-situ* reduction method in w/o/w emulsion with STC and SC in 5 different batches to show the synthesis procedure reproducibility.

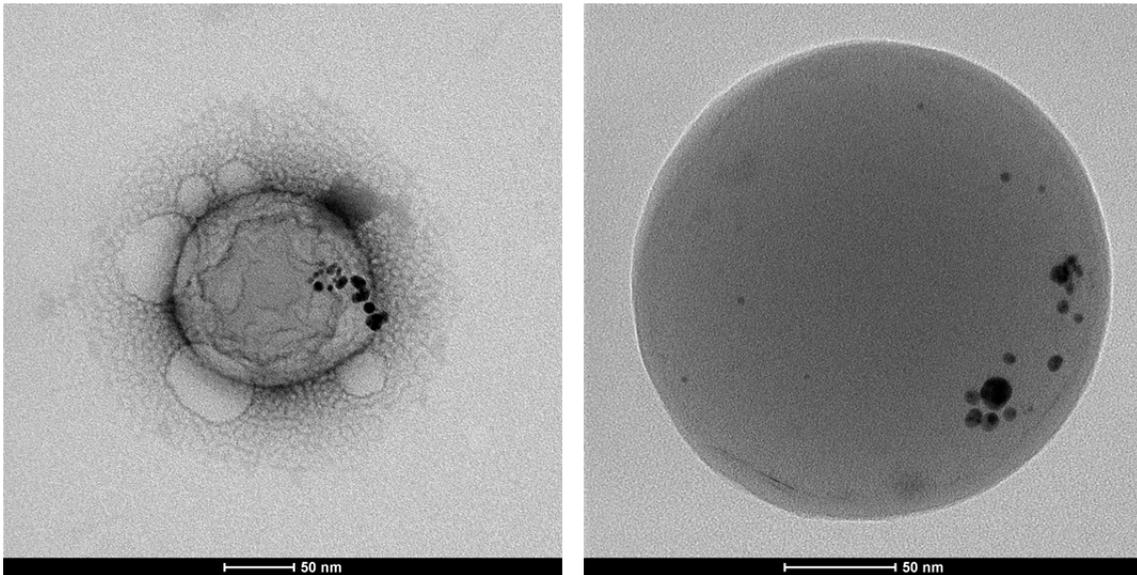


Figure S5.- TEM micrographs of Pyrene- Au-PLGA hybrid nanoparticles produced by the “in-situ reduction method” in w/o/w emulsion with SC after laser radiation for 15 min.