

Supporting information

Aggregation kinetics and cluster structure of amino-PEG covered gold nanoparticles

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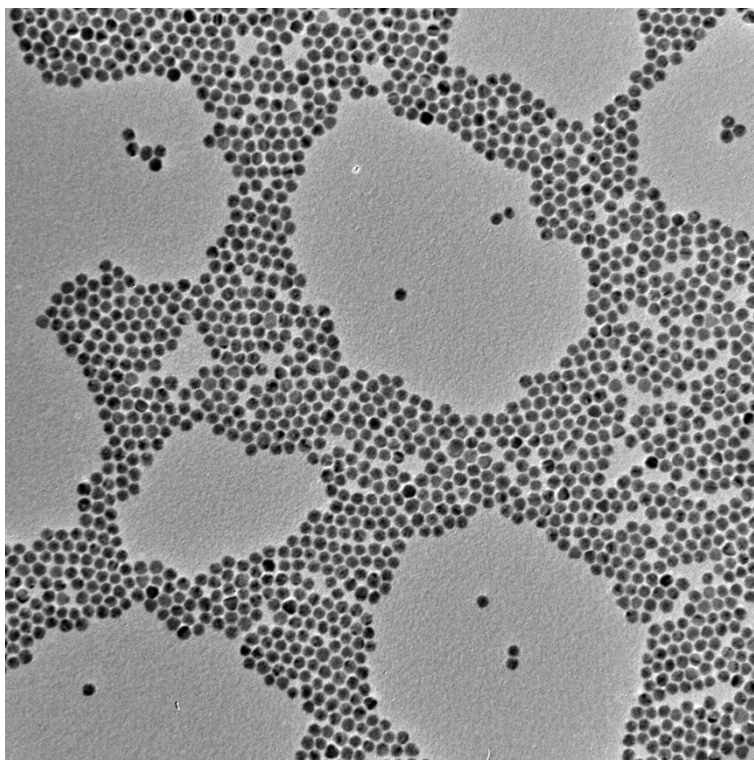


Figure S1. HR-TEM picture of gold nanoparticles

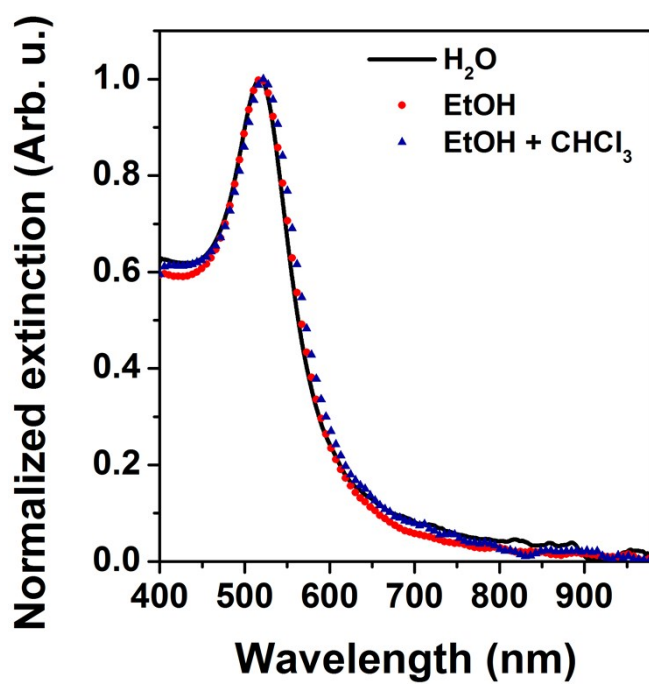


Figure S2. Extinction spectra of aminoPEGylated particles in different solvents, indicating stable transfer into organic medium.

Effect of high ionic strength on the stability of the particles at room temperature

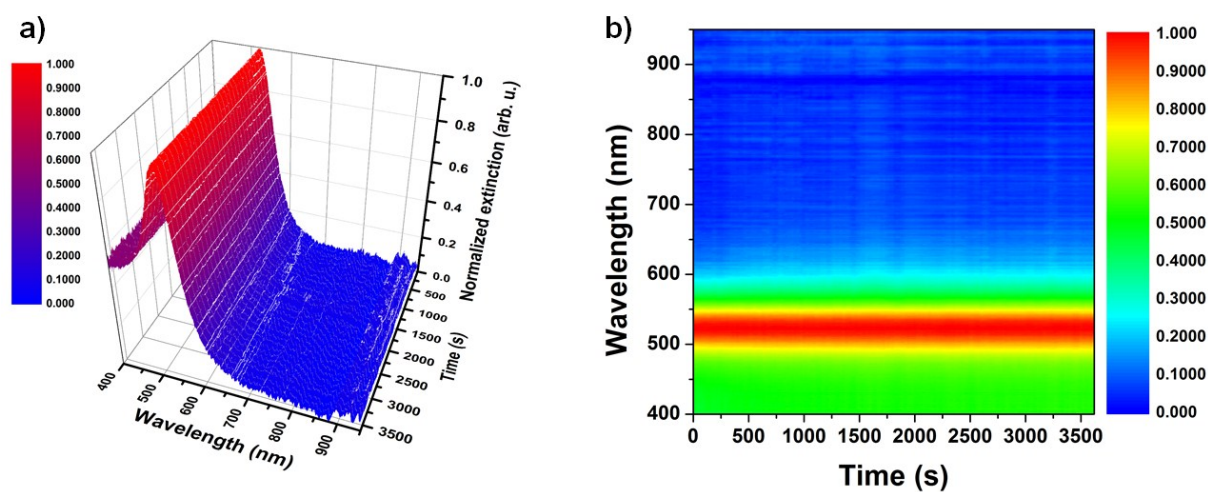


Figure S3. Extinction spectra of aminoPEGylated gold nanoparticles as a function of time at 0.3 M K_2SO_4 concentration and room temperature: a) 3D and b) contour plot representation (colour bars represent the normalized extinction). The absence of any spectral shift or new appearing plasmon bands indicate that the applied salt concentration and temperature has no effect on the stability of the system.