

Supporting Information

Gellan Gum-coated Gold Nanorods: an Intracellular Nanosystem for Bone Tissue Engineering

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Figure S1

A) UV-vis spectrum and B) TEM image of as-prepared AuNRs.

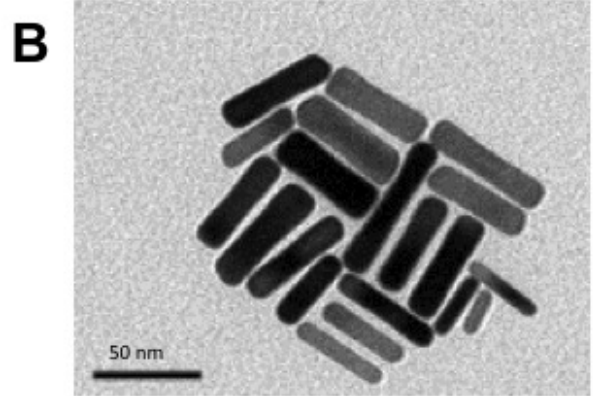
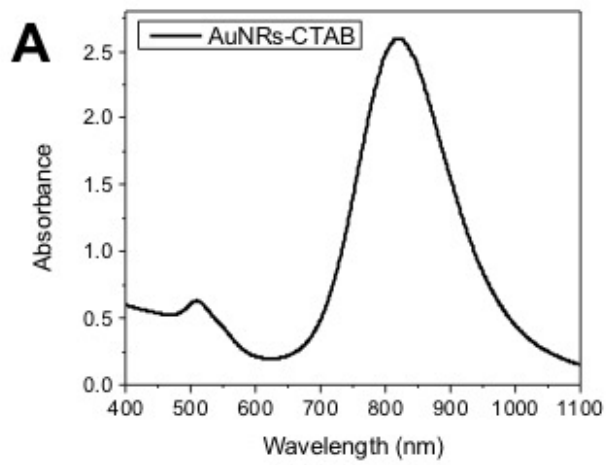


Figure S2

UV-Vis spectrometry analysis of gold nanorods stability against ionic strength and pH. A) UV-Vis spectra of AuNRs-PAH solutions at 0, 0.001, 0.005, 0.01, 0.02, 0.05, 0.1 and 0.5 M of NaCl; B) UV-Vis spectra of AuNRs-PAH solutions at pH varying from 2 to 10.

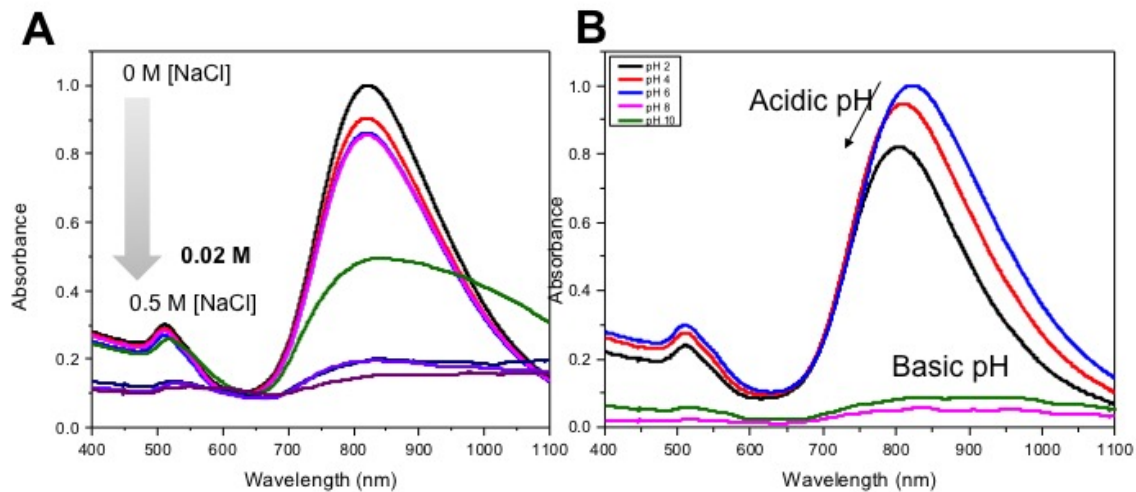
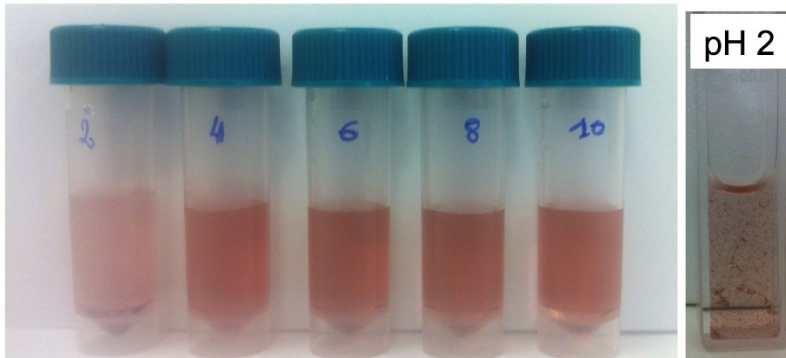


Figure S3

A) Photographic images of the solutions of AuNRs-GG at pH 2, 4, 6, 8, 10 and B) UV-vis spectra of AuNRs-GG at pH 2 and upon increase at pH 6.

A



B

