

Supporting information

Bioconjugates of glycogen and gold nanoparticles: controlled plasmon resonance via glycogen induced nanoparticle aggregation

Dušan K. Božanić^a, Adriaan S. Luyt^b, Lidija V. Trandafilović^a, and Vladimir Djoković^{a*}

^a*Vinča Institute of Nuclear Sciences, University of Belgrade, P.O. Box 522, 11001 Belgrade, Serbia*

^b*Department of Chemistry, University of Free State, Private Bag X13, Phuthaditjhaba 9866, South Africa*

Corresponding author: djokovic@vinca.rs (V. Djoković)

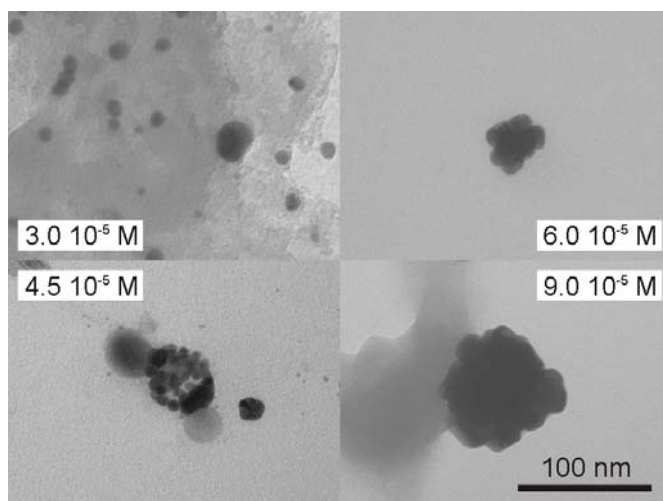


Figure S1. TEM images of Au/glycogen samples of different initial gold ion concentrations.

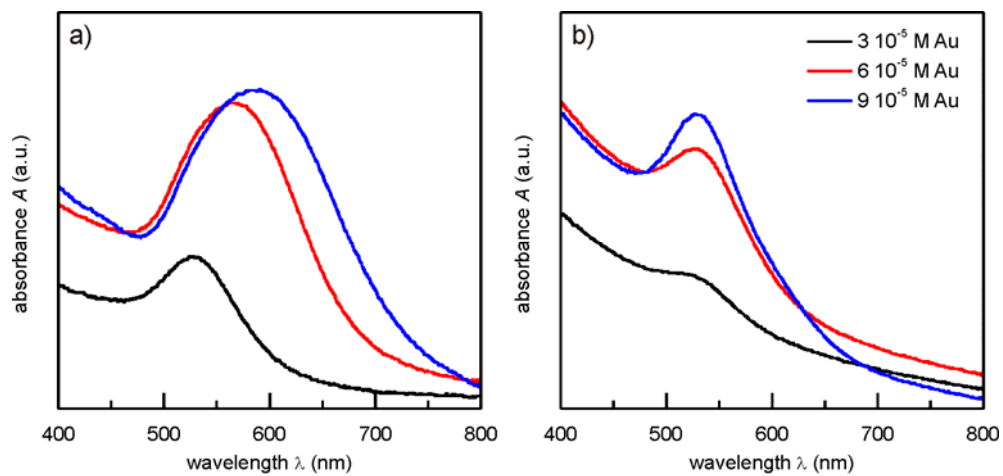


Figure S2. Comparison of UV vis absorption spectra of (a) Au/glycogen and (b) Au/starch samples with different initial gold ion concentrations.

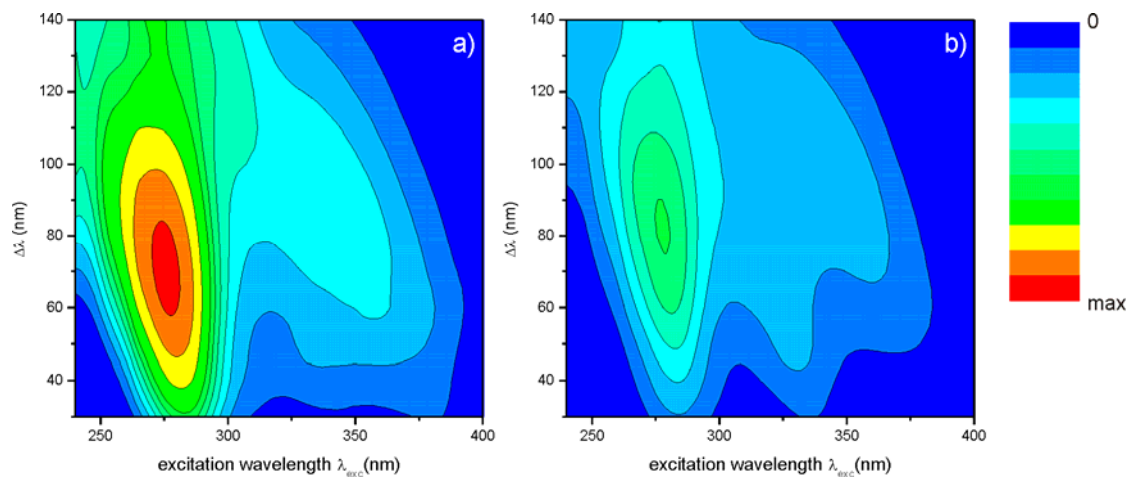


Figure S3. Synchronous luminescence spectra of (a) glycogen and (b) 4.5×10^{-5} M Au glycogen solutions.