**Supporting Information**

Synthesis of gold nanoparticles with buffer-dependent variations of size and morphology in biological buffers

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**Figure S1:** Far View TEM image of Au NPs synthesized by MES buffer.



**Figure S2:** Far View TEM image of Au NPs synthesized by Bis Tris Methane buffer.



**Figure S3:** Far View TEM image of Au NPs synthesized by Triethanolamine buffer.



**Figure S4:** TEM images of unreacted buffer salts.

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