

Supplemental Information

Gold Nanoparticles for Neural Prosthetics Devices

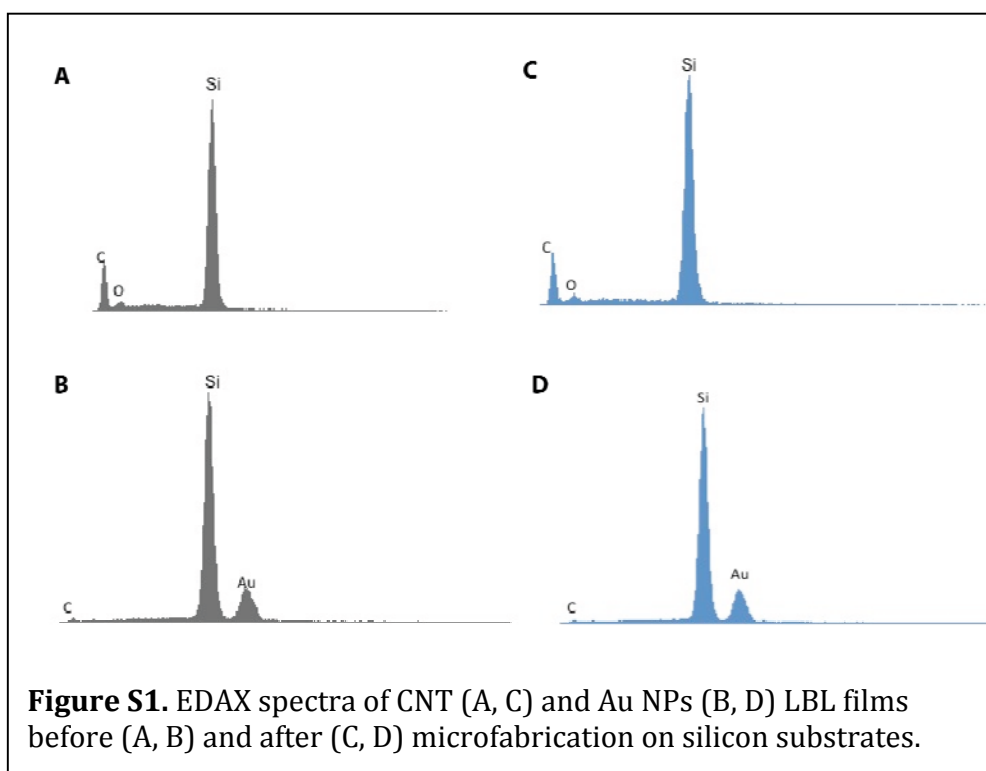
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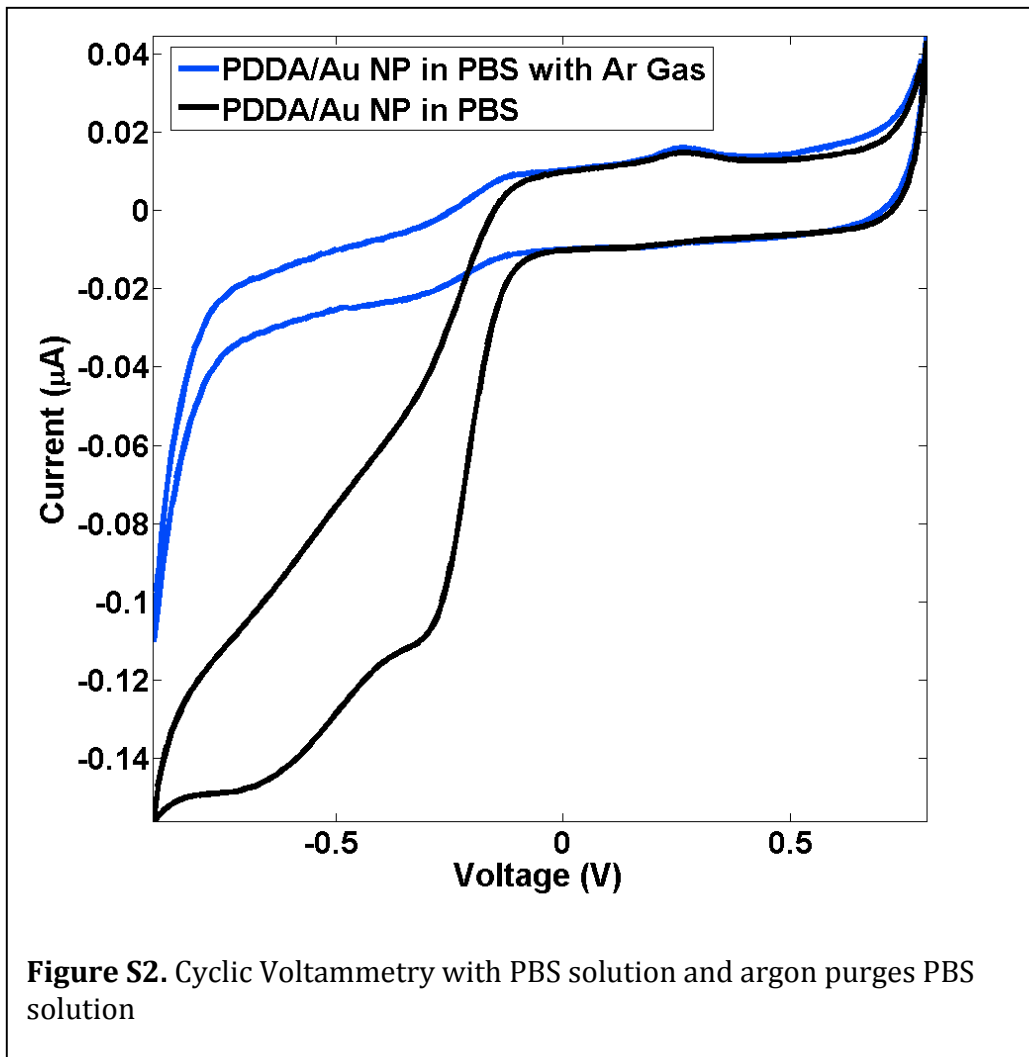
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AFM comparison of Au NP and CNT LBL films.

	Au NP film	CNT film
Mean Roughness	7.386nm	10.376nm
Surface Area	9.474um ²	9.467um ²





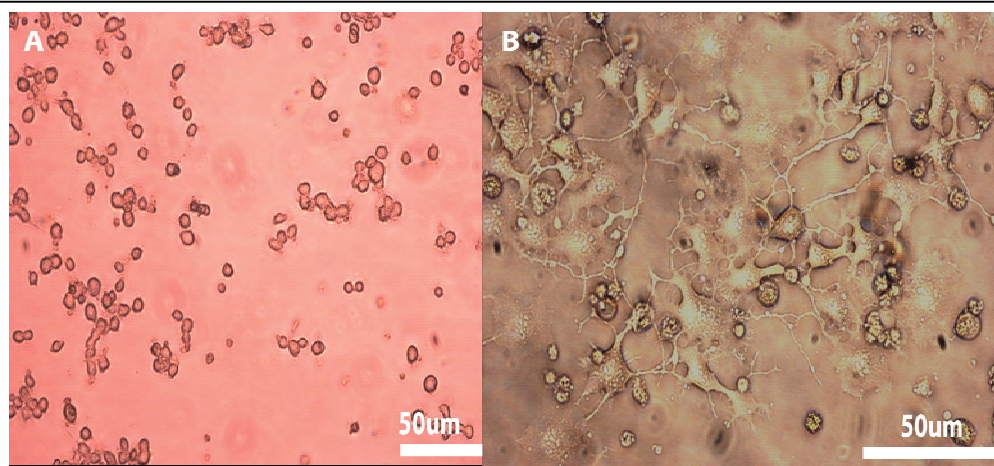


Figure S3. Optical Images of (A) pre-differentiated NG-108 cells (B) differentiated NG-108 cells on Au NP/PDDA film

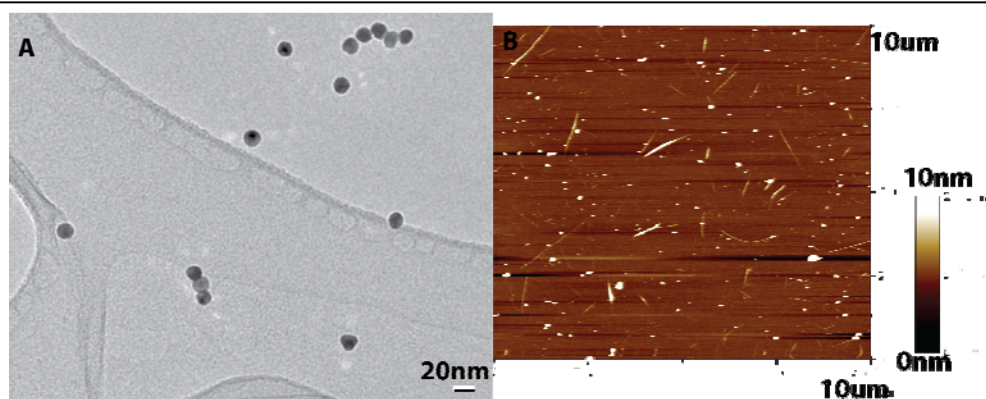


Figure S4. (A)TEM image of as synthesized Au NP (B) AFM image of dispersed CNT.

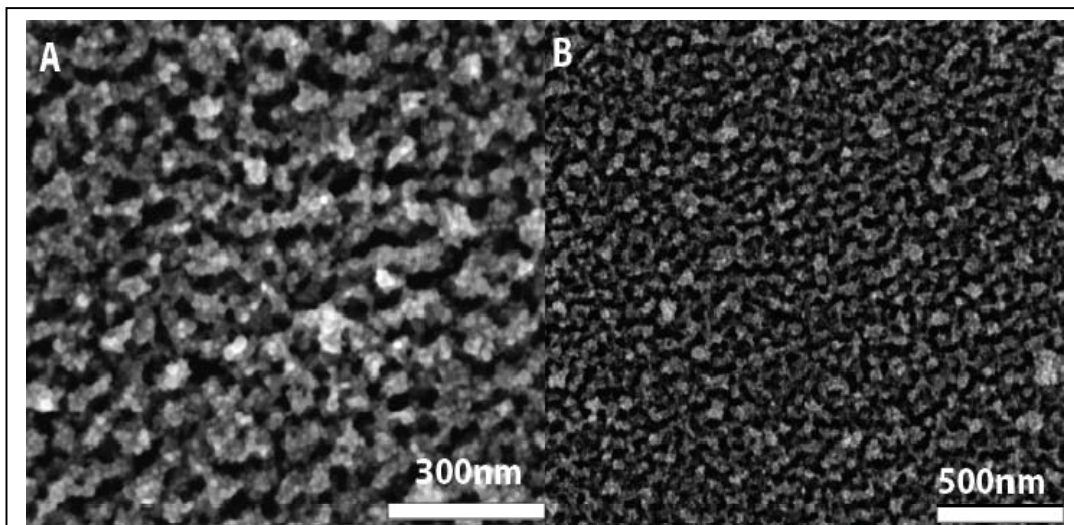


Figure S5. High resolution SEM image of Au NP film.

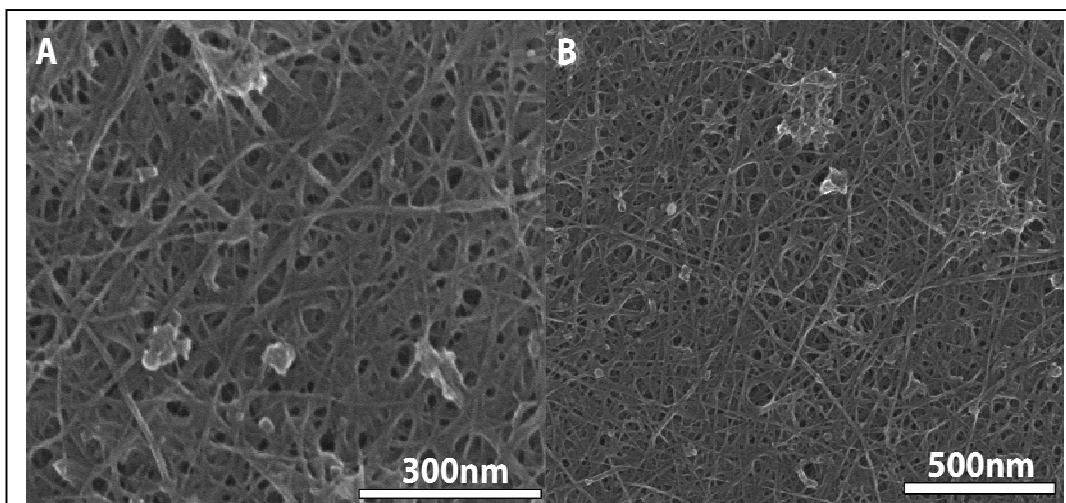


Figure S6. High resolution SEM image of CNT film.