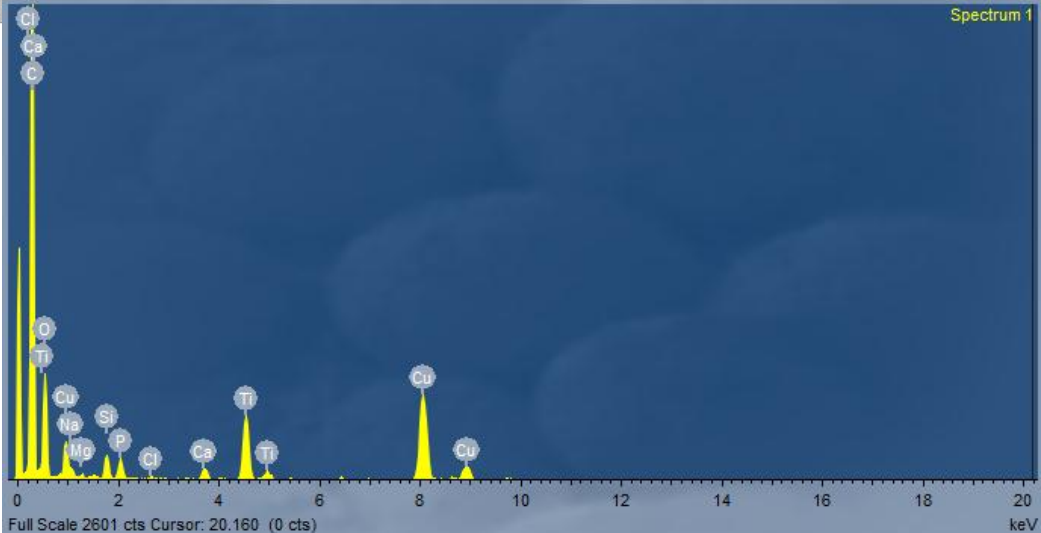
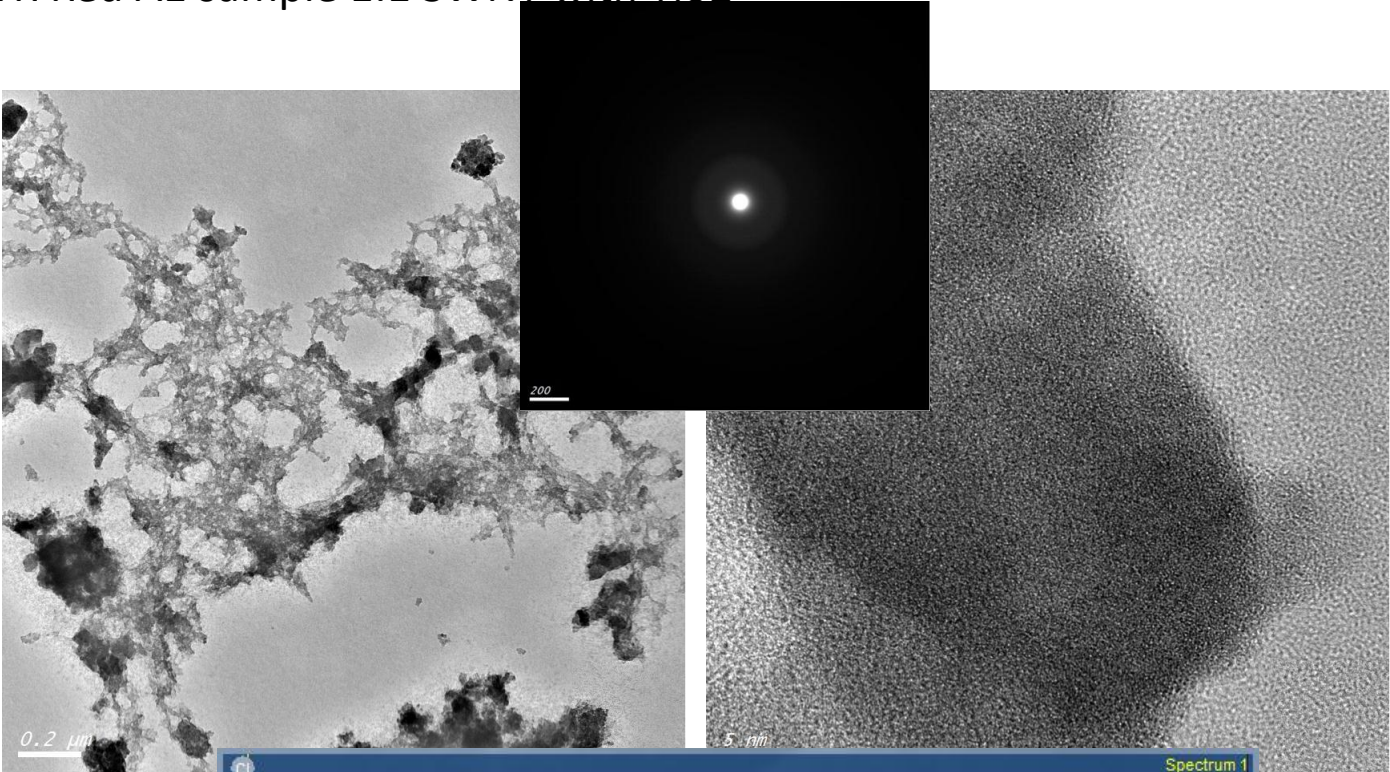
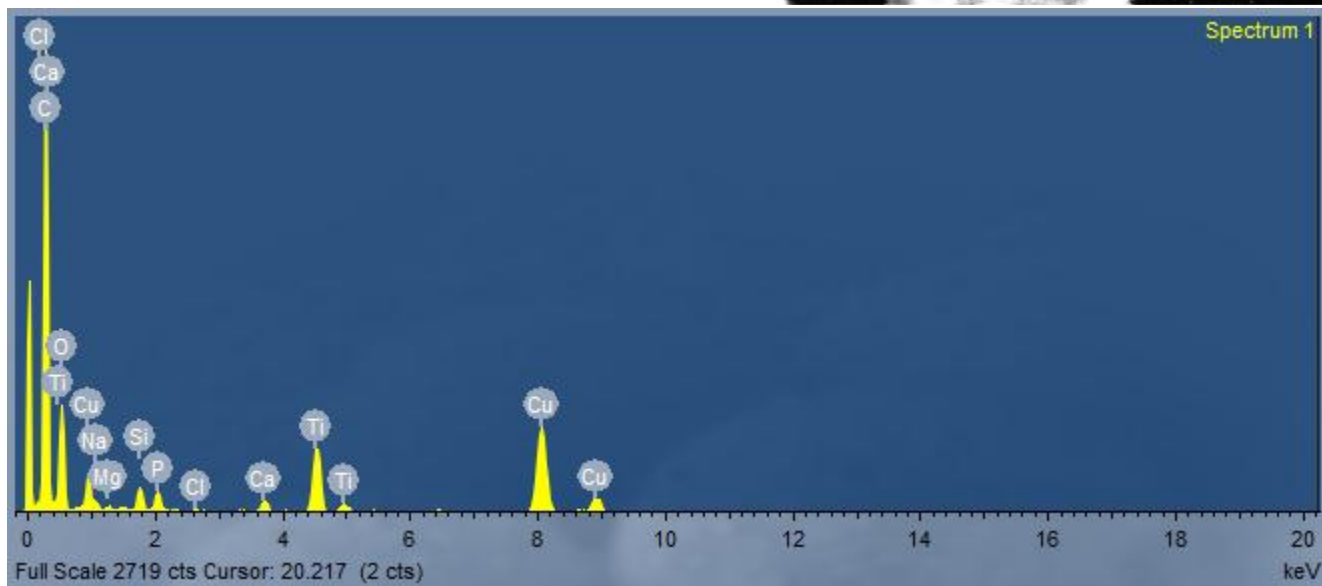
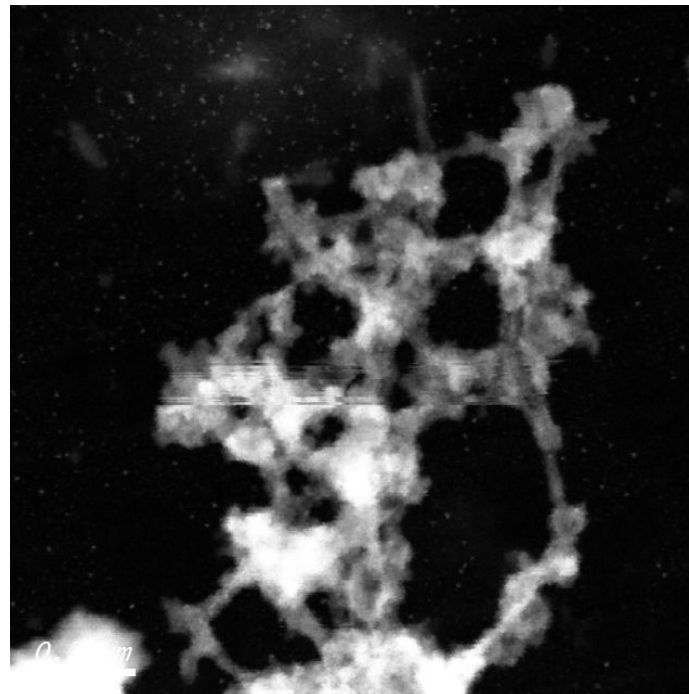
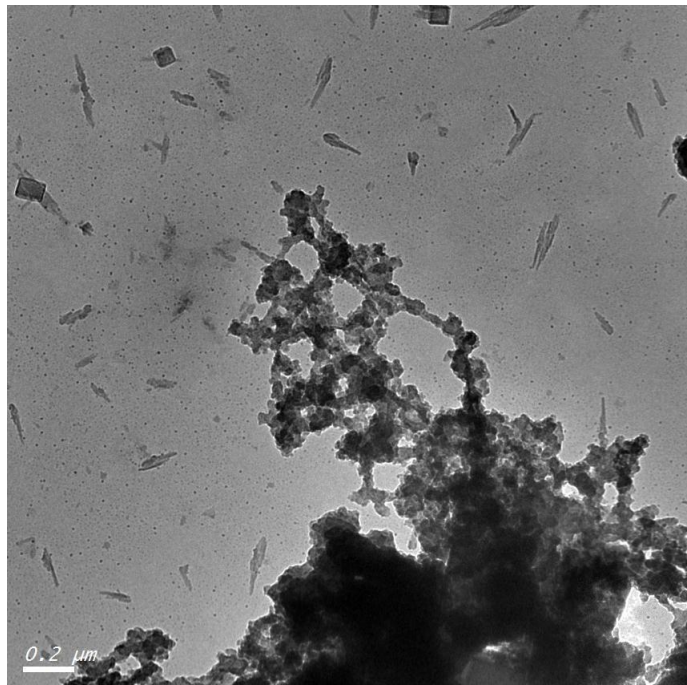


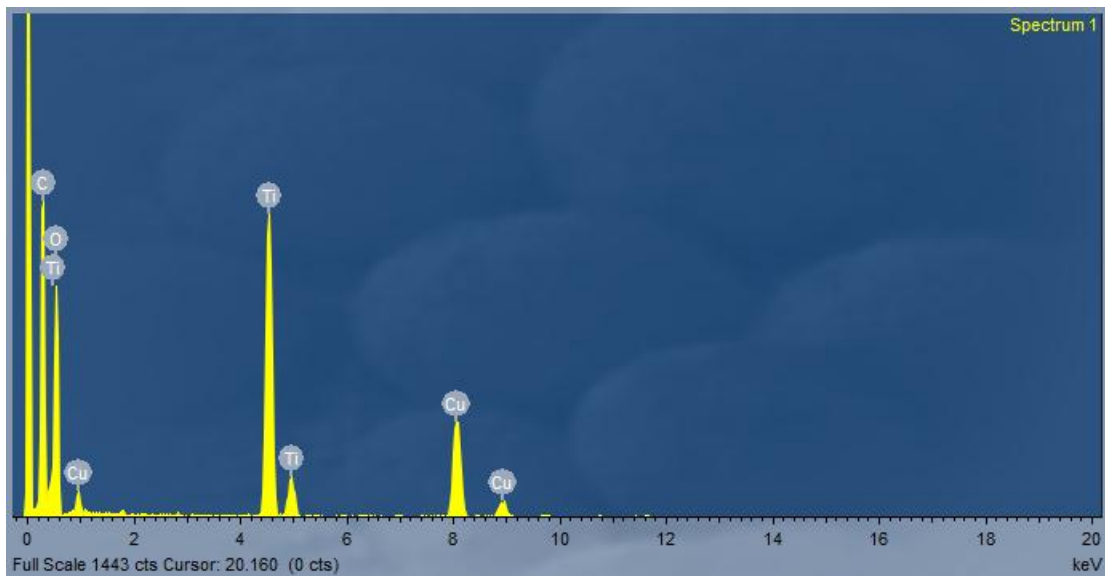
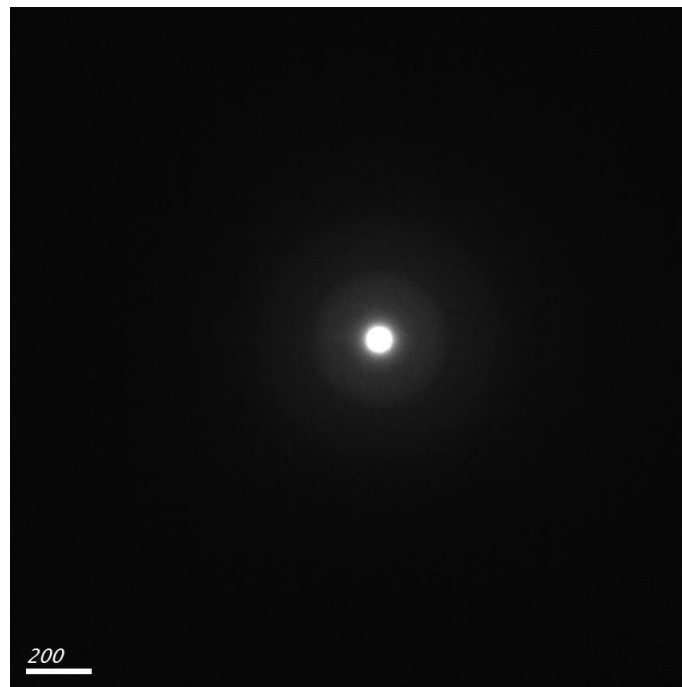
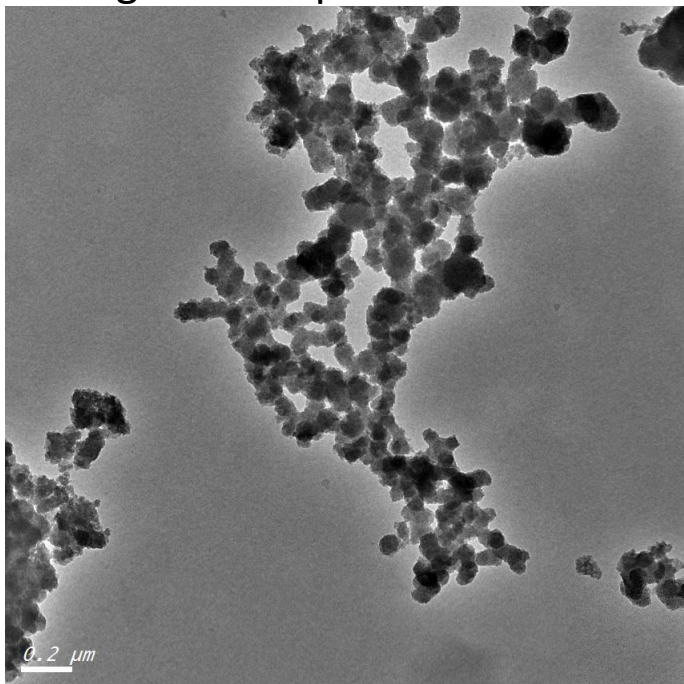
TR Red A1 sample 1:1 SWNT with Tio2



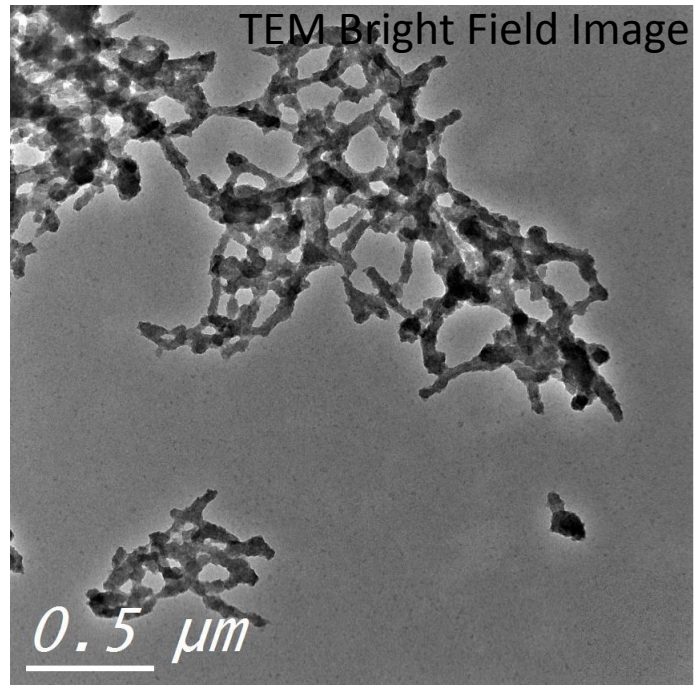
# TR Red A5 sample: 1:1 SWNT with Tio2



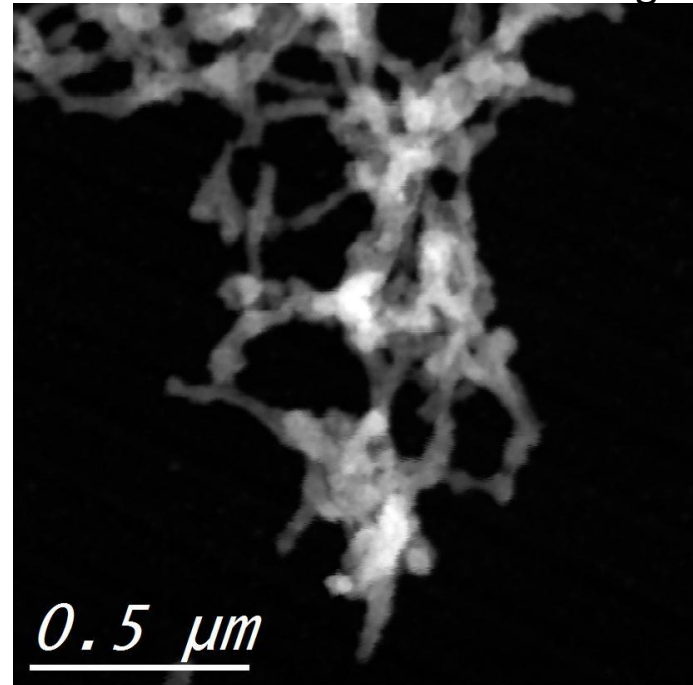
# TR Orange C2 sample: 2.5:1 SWNT



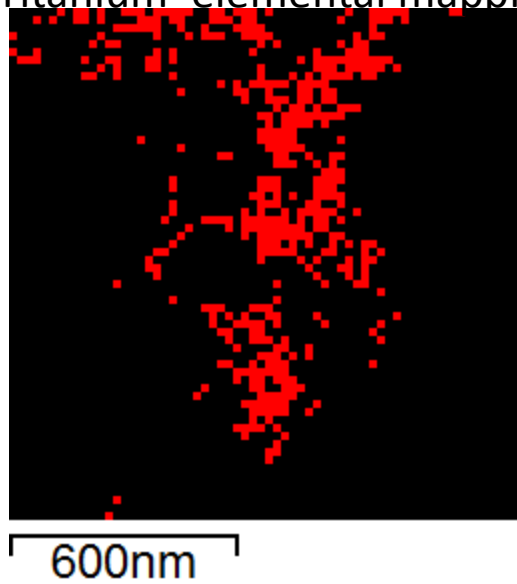
TR Yellow E6 sample: 5:1 SWNT



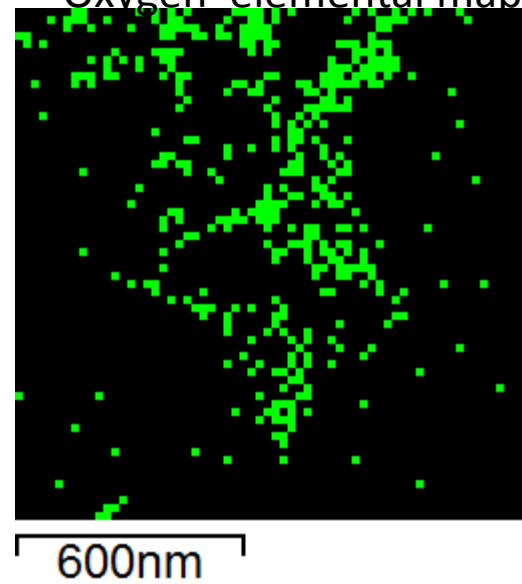
STEM Dark Field Image



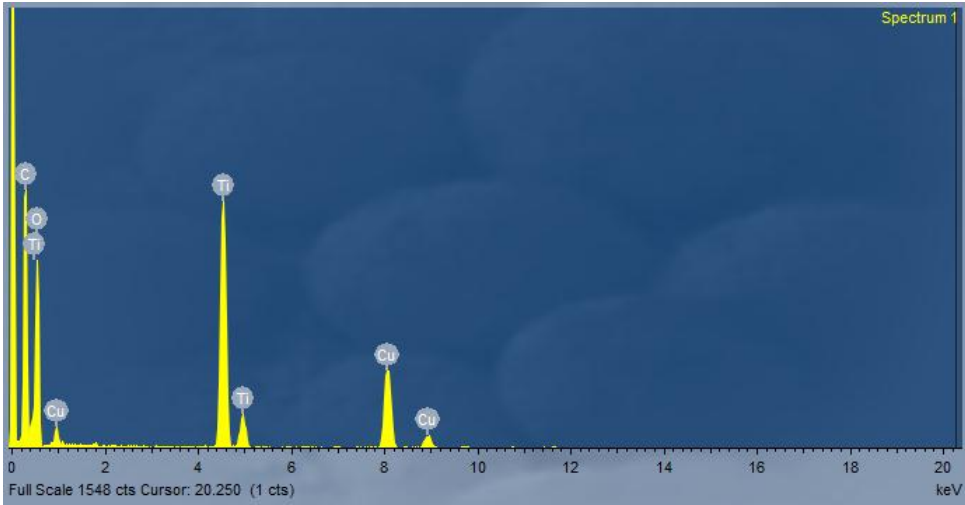
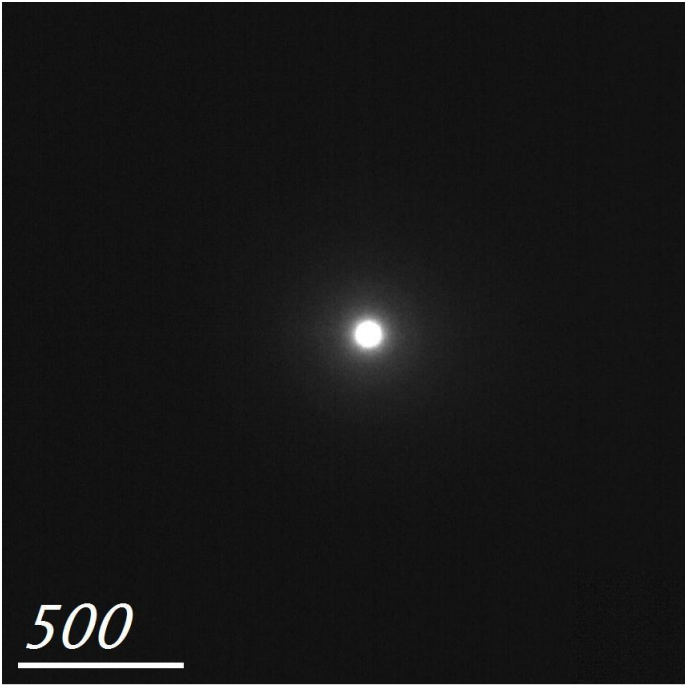
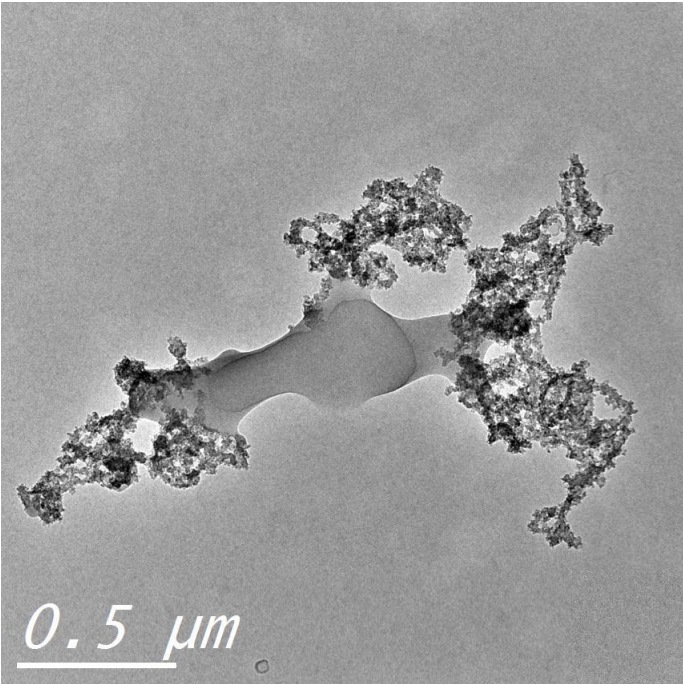
Titanium elemental mapping



Oxygen elemental mapping

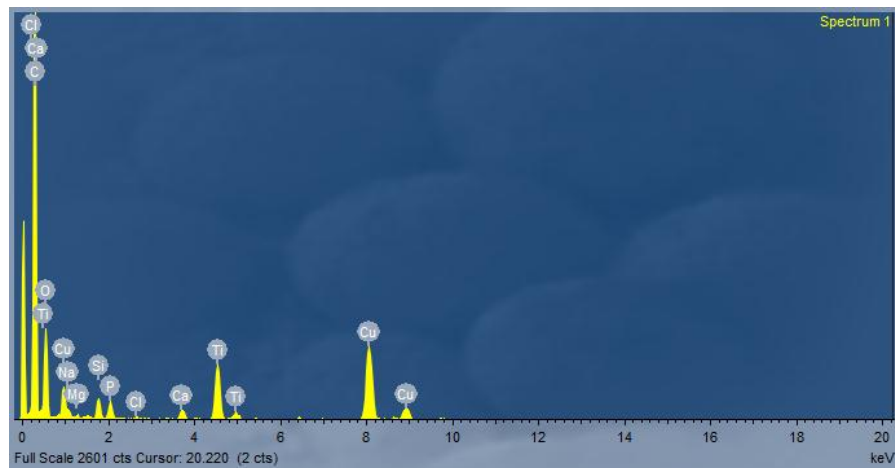
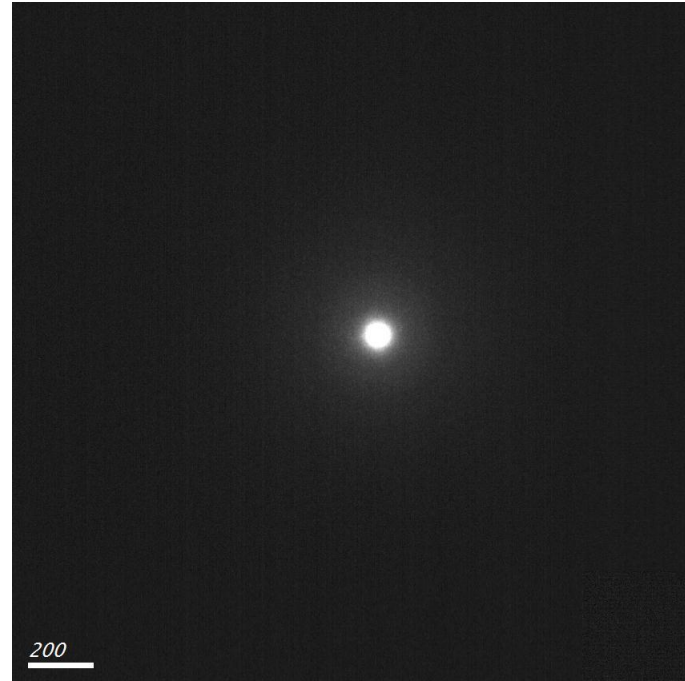
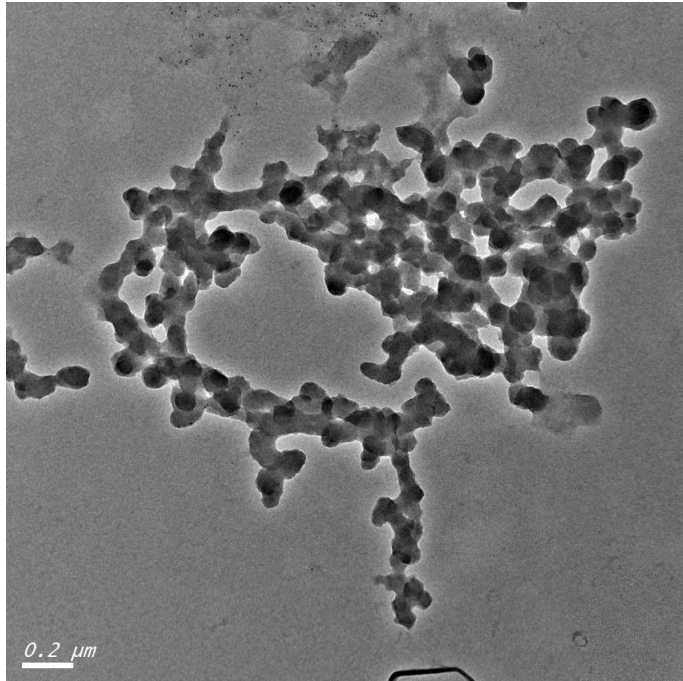


TR Green E1 sample: 1:1 gold with TiO2

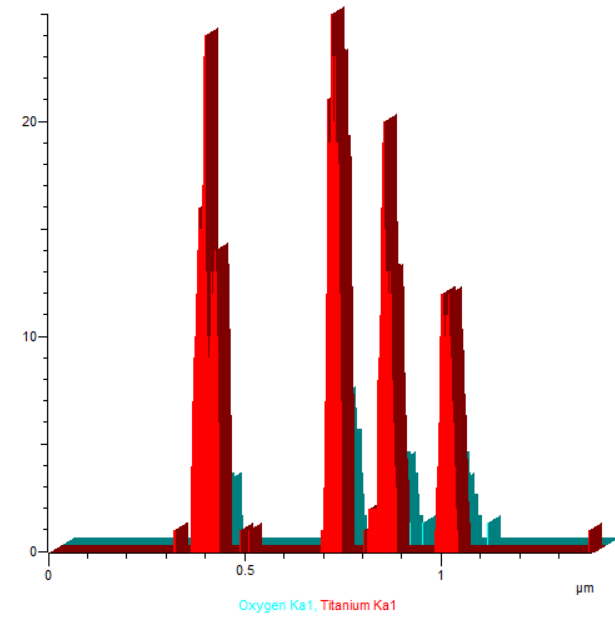
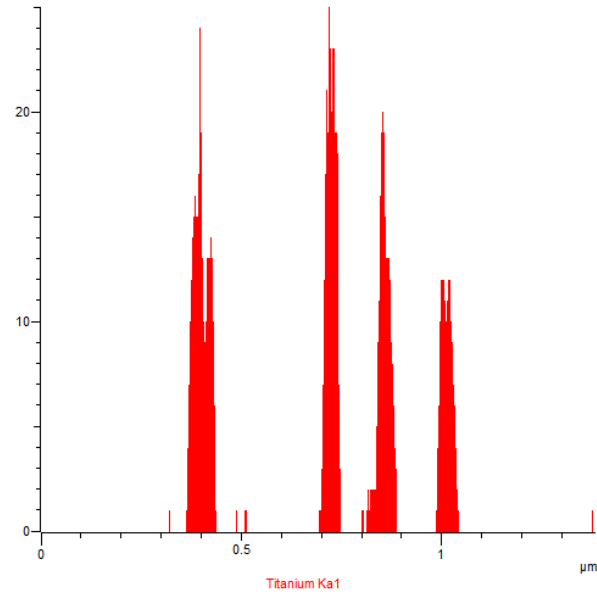
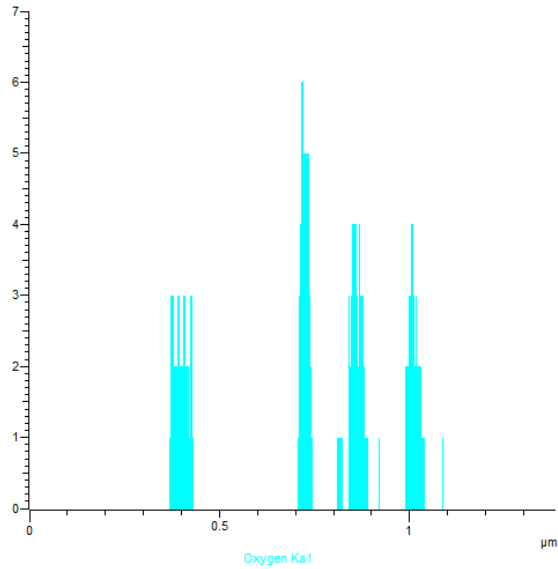
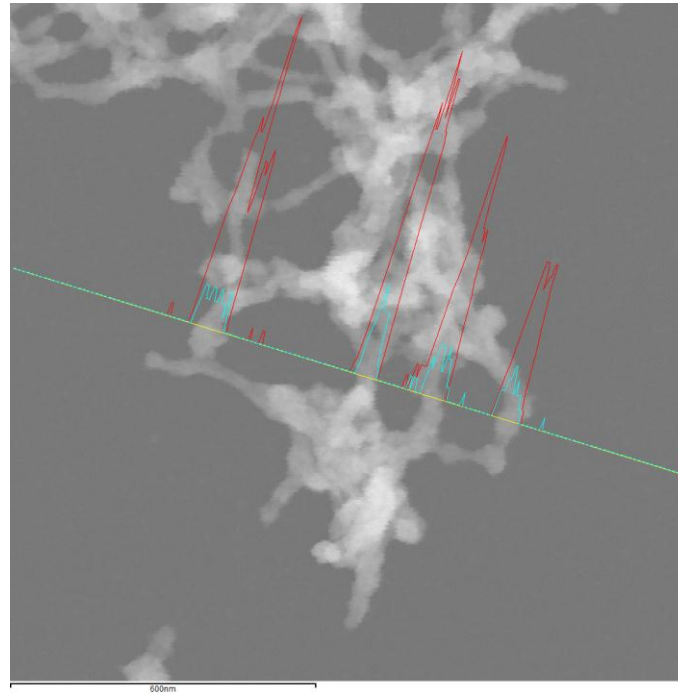


# Angie Class -11/27/2012

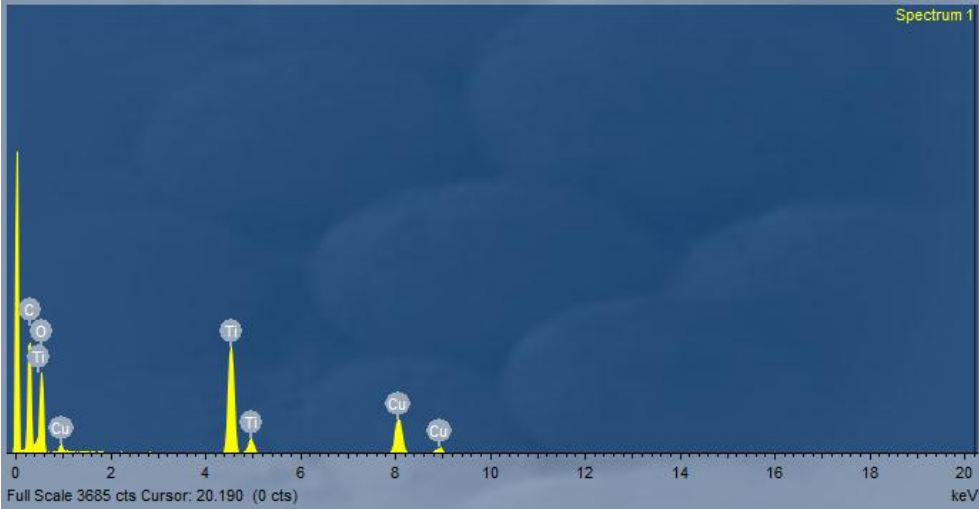
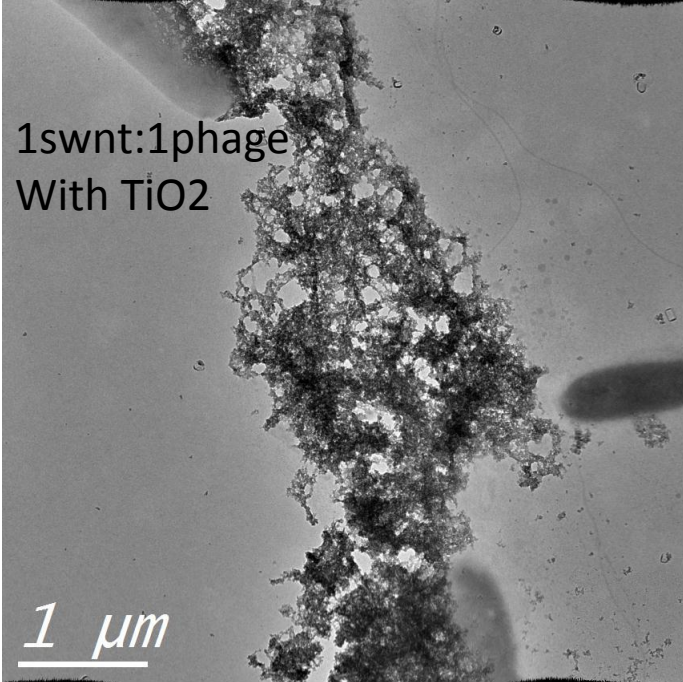
TR Blue A3 sample: 5:1 gold with TiO<sub>2</sub>



# Titanium –Oxygen Line scanning

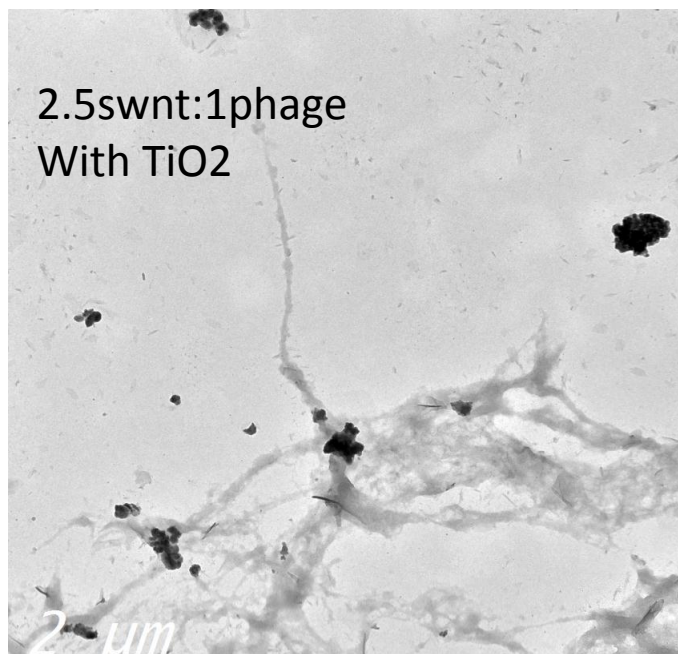


WF D6 sample, 1:1 SWNT TiO2 coated

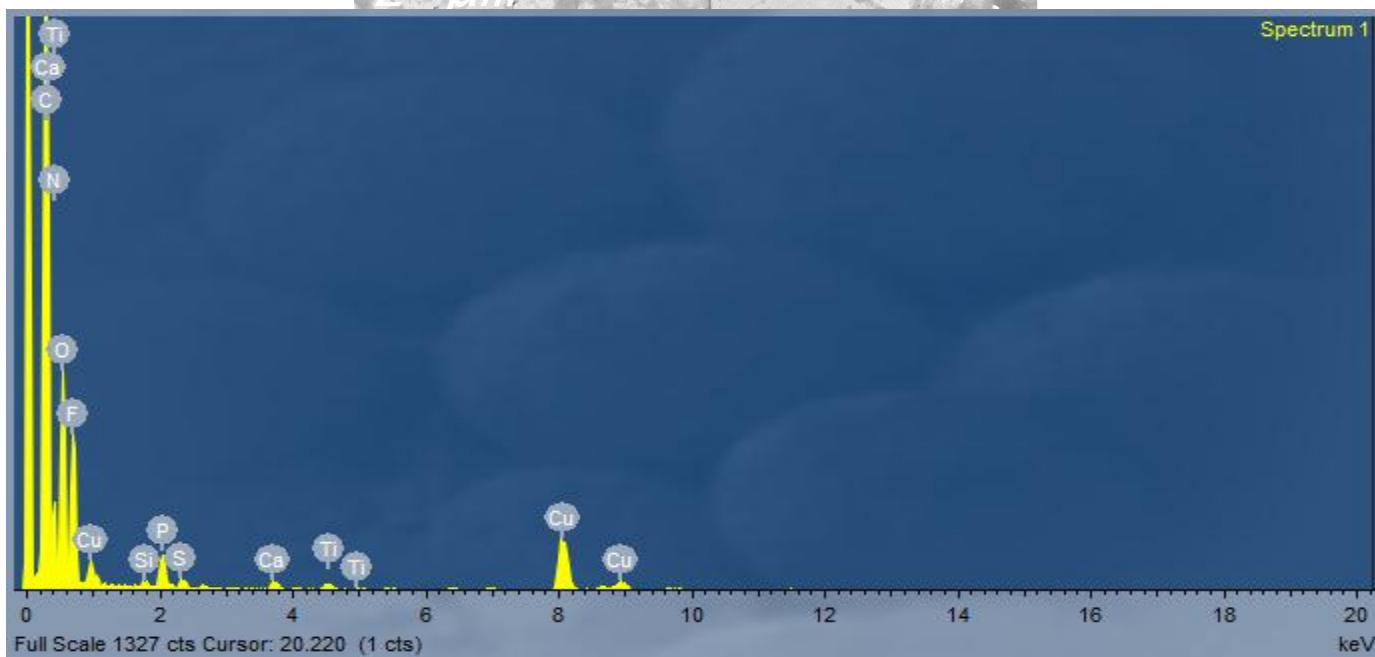




# WF Green C6 sample: 2.5:1 SWNTs with TiO<sub>2</sub>

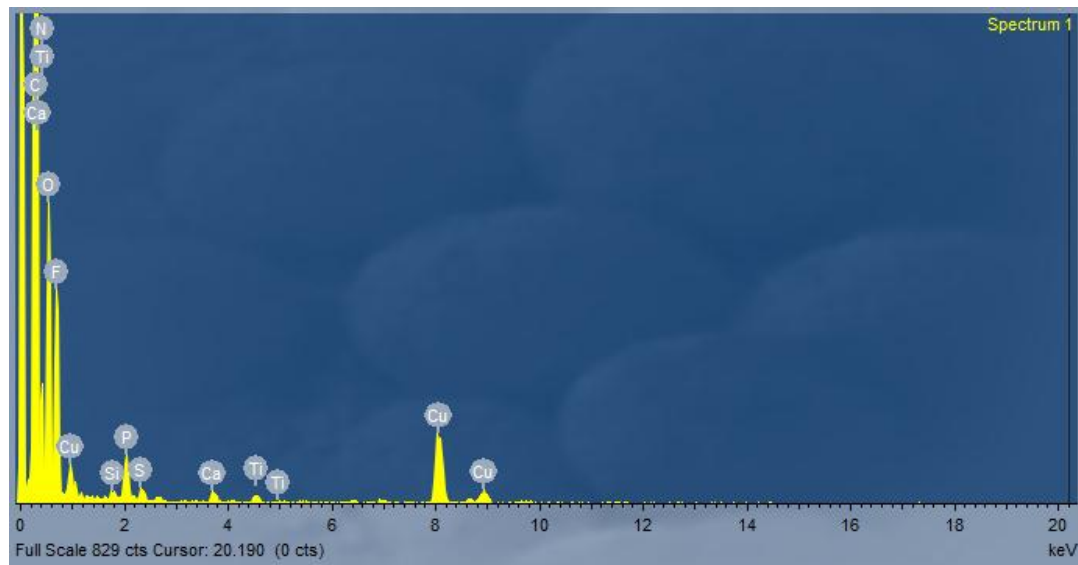
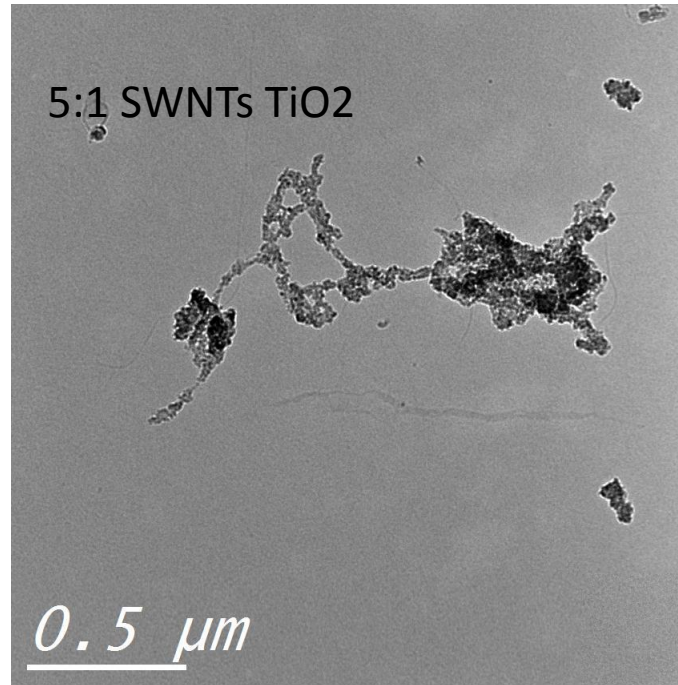


Elements:

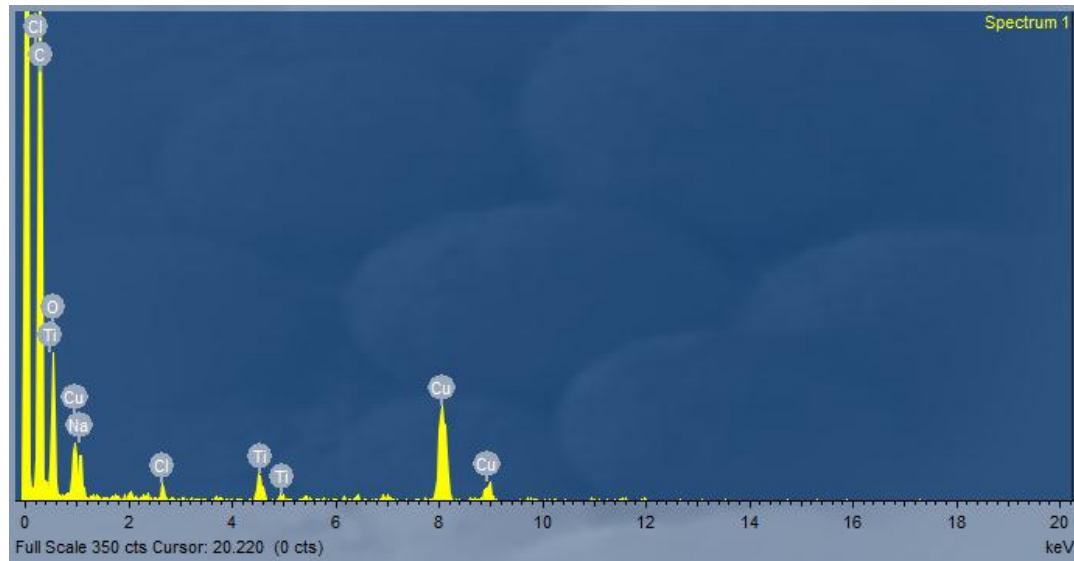
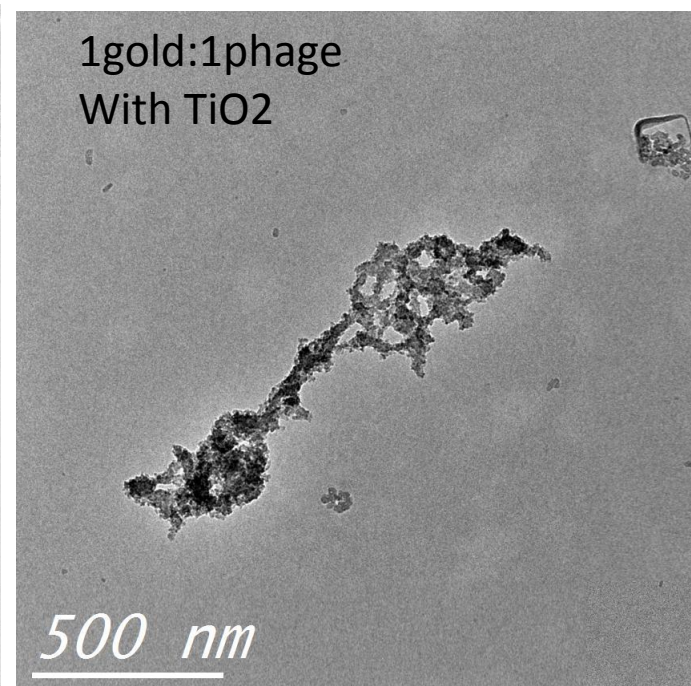
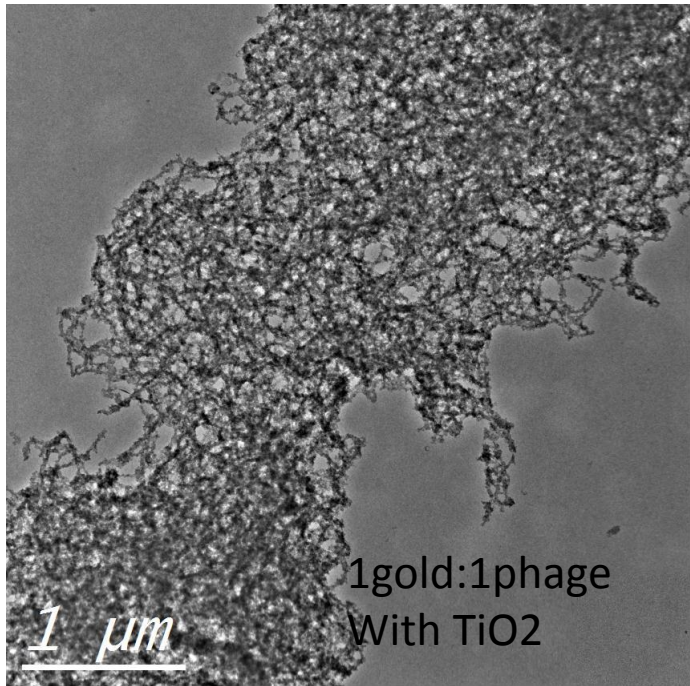


Angie Class -11/28/2012

WF Blue B6 sample  
5:1 SWNTs TiO<sub>2</sub>

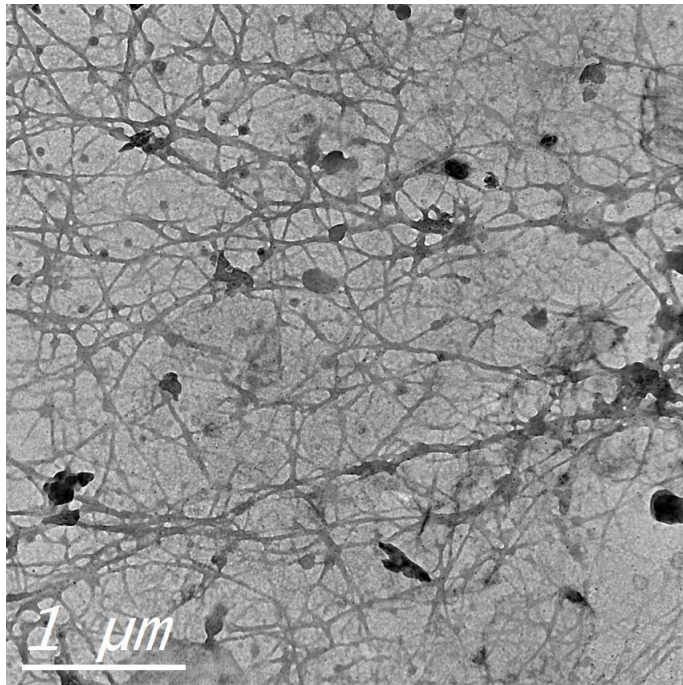


# WF Blue B7 sample, 1:1 gold TiO2 coated

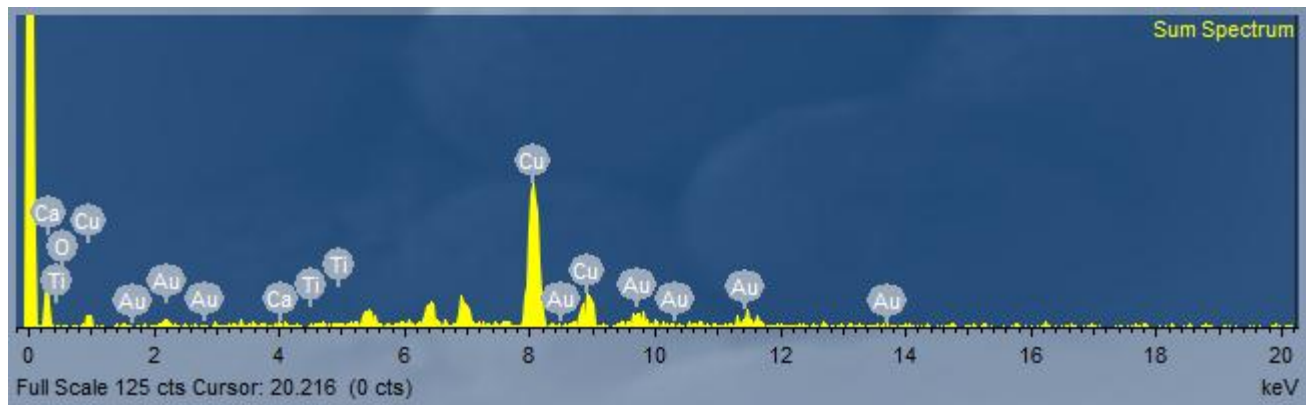
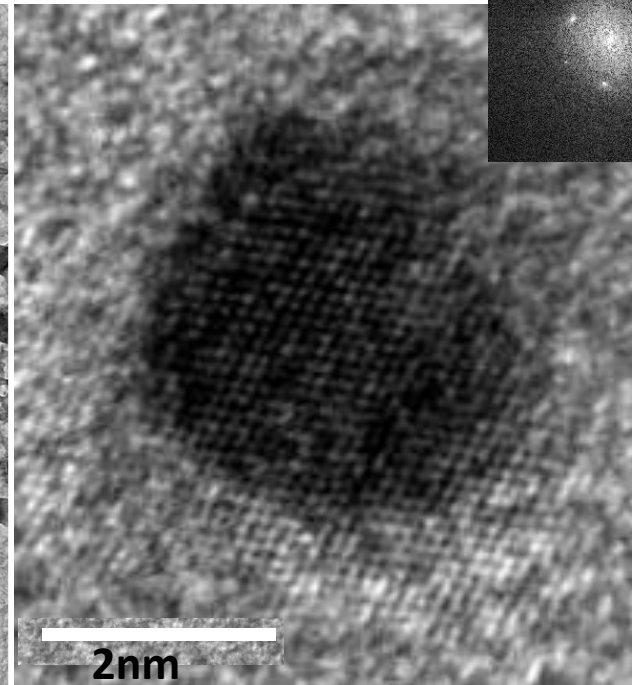


# WFPinkle : 5:1 gold without TiO2 A7 sample

Phage + gold without TiO2

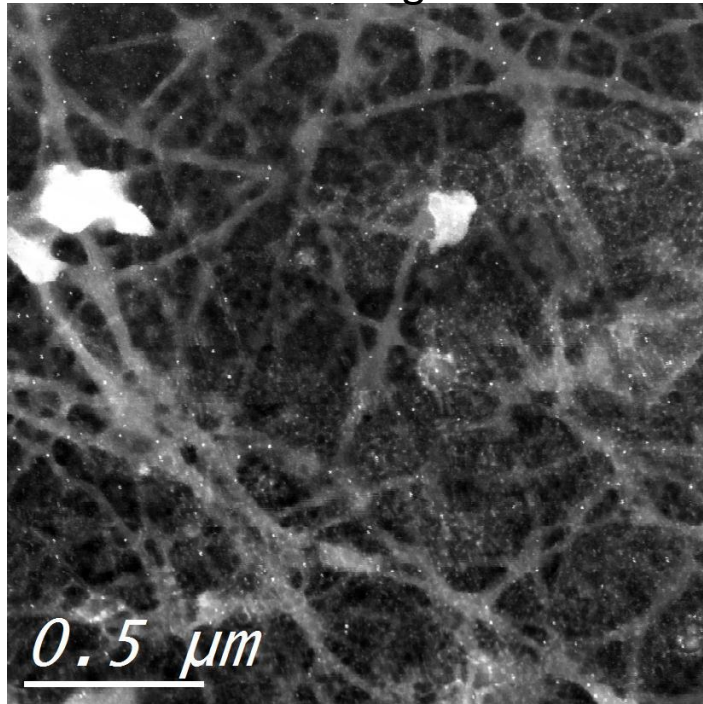


Gold nanoparticle



# Phage + gold without TiO<sub>2</sub>

STEM Dark Field Image



Au Elemental Mapping

