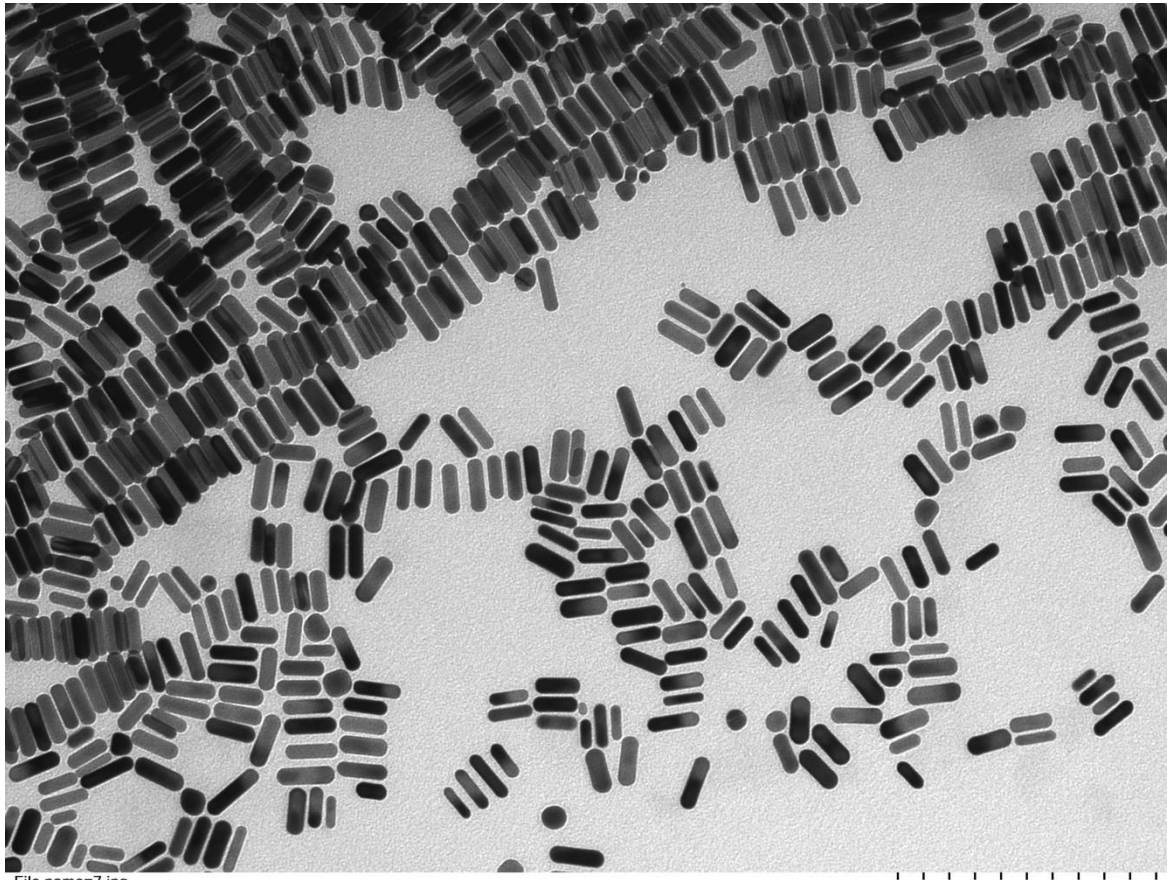
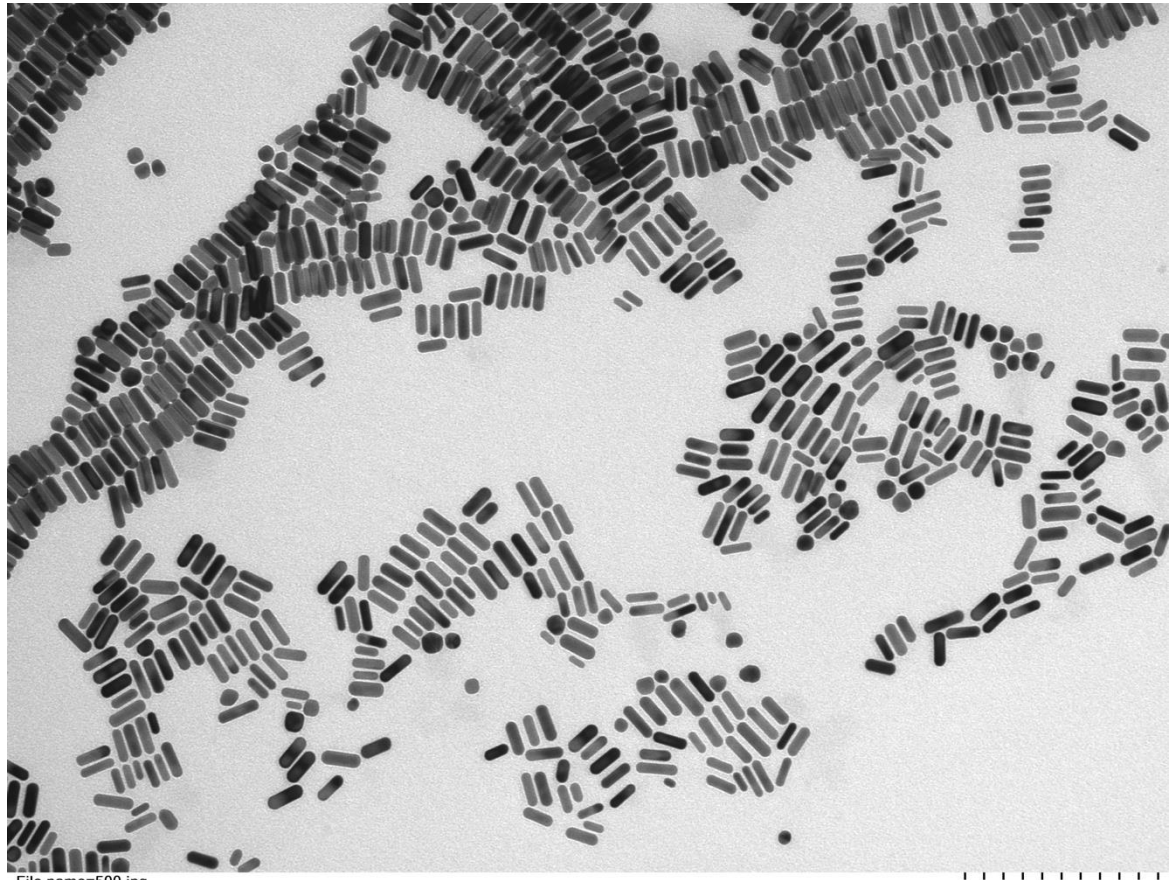
Full TEM images of nanoparticles

Long AuNRs



File name=7.jpg
Image comment=
Image date=2022/08/08 13:53:13
Image number=3001
Calibration=1.083
Magnification=x40.0k
Lens mode=Zoom-1

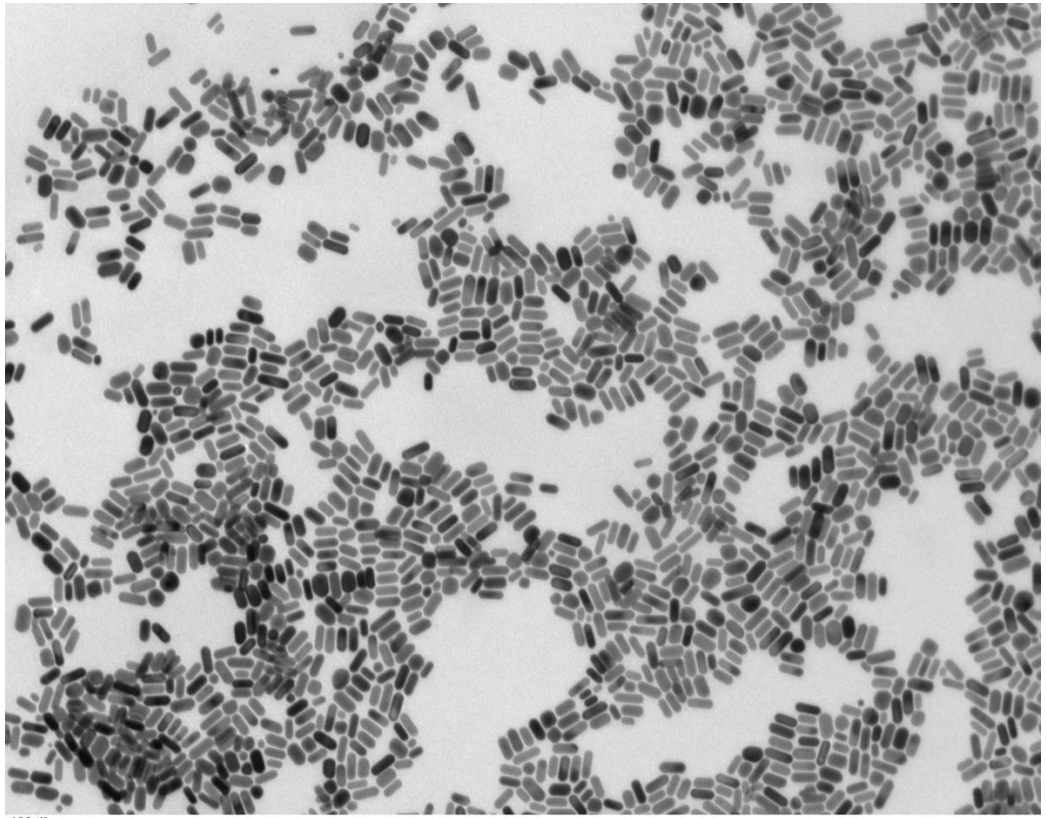
Spot number=3
Image rotation=0°
Acc. voltage=80.0kV
Emission=10.4μA
Stage X=-106 Y=-950 Tilt=0.4 Azim=0.0

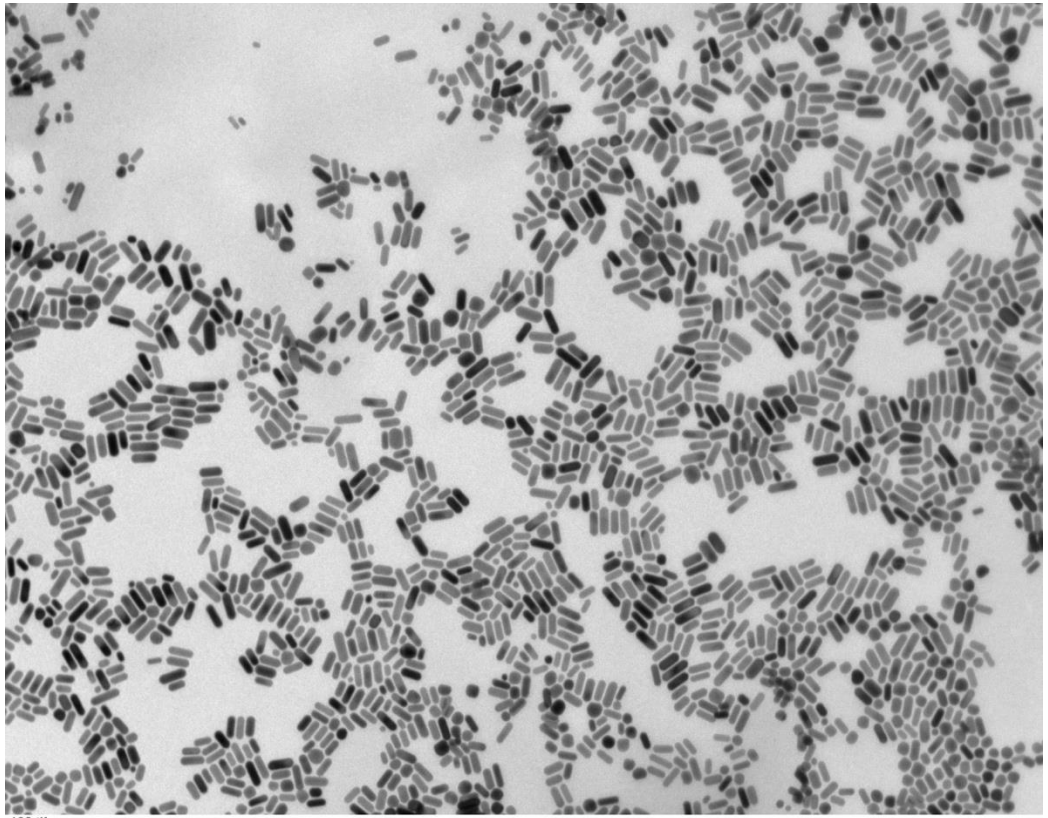


File name=500.jpg
Image comment=
Image date=2022/08/08 14:13:03
Image number=3009
Calibration=1.083
Magnification=x30.0k
Lens mode=Zoom-1

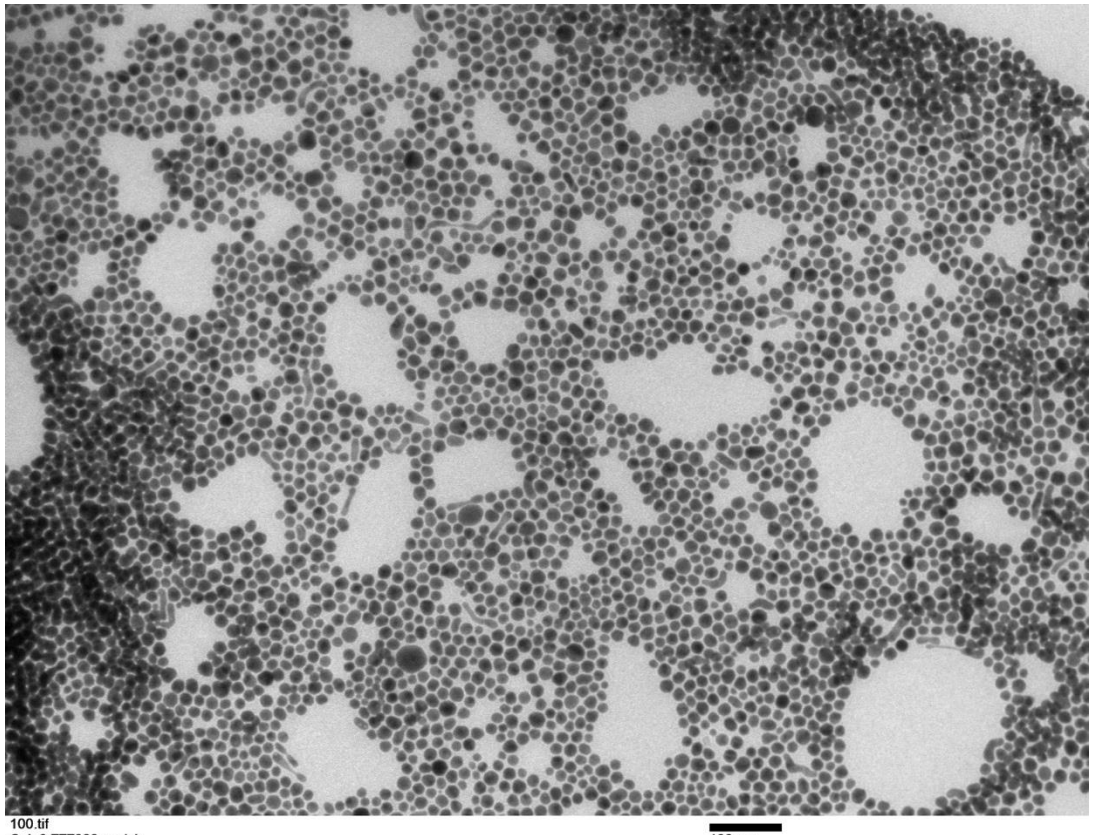
Spot number=3
Image rotation=0°
Acc. voltage=80.0kV
Emission=10.4μA
Stage X=3 Y=-889 Tilt=0.4 Azim=0.0

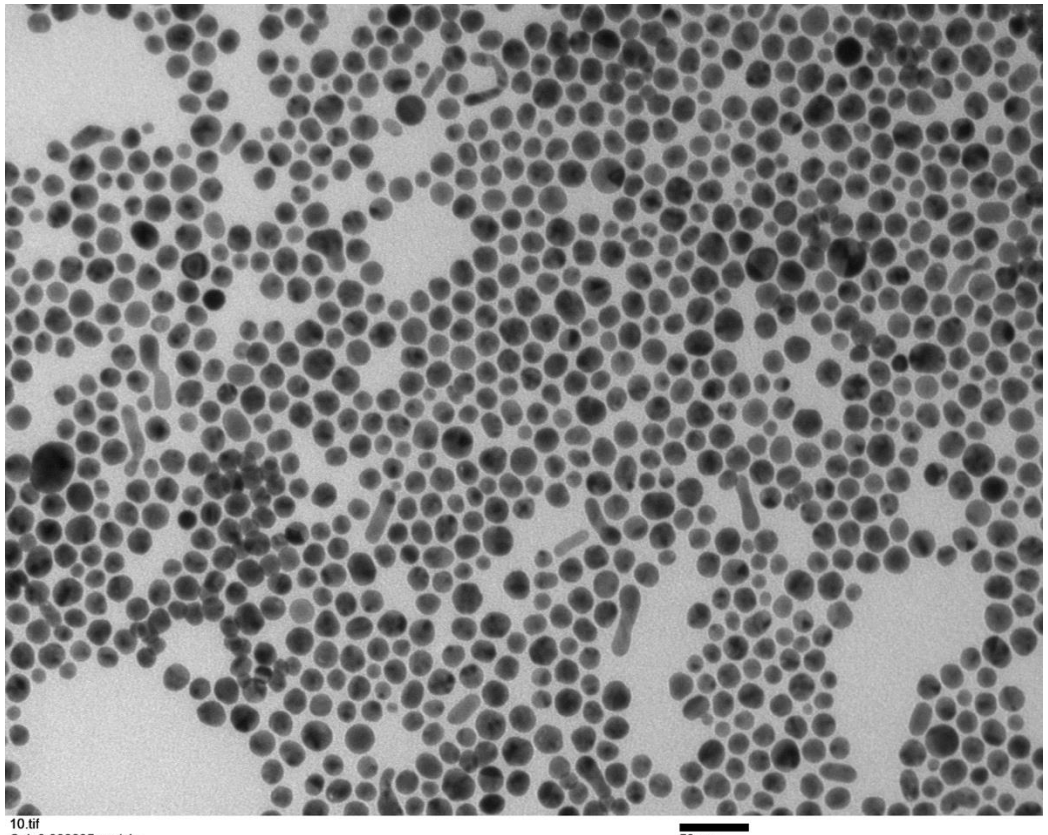
Short AuNRs


100.tif
Cal: 0.777389 nm/pix
14:28:19 2/24/2023
TEM Mode: Imaging
100 nm
HV=100.0kV
Direct Mag: 20000x
X:430.7 Y: -1174.
Tilt: -0.2
AMT Camera System
Camera: XR280, Exposure(ms): 1000 Gain: 1, Bin: 1
Gamma: 1.00, No Sharpening, Normal Contrast

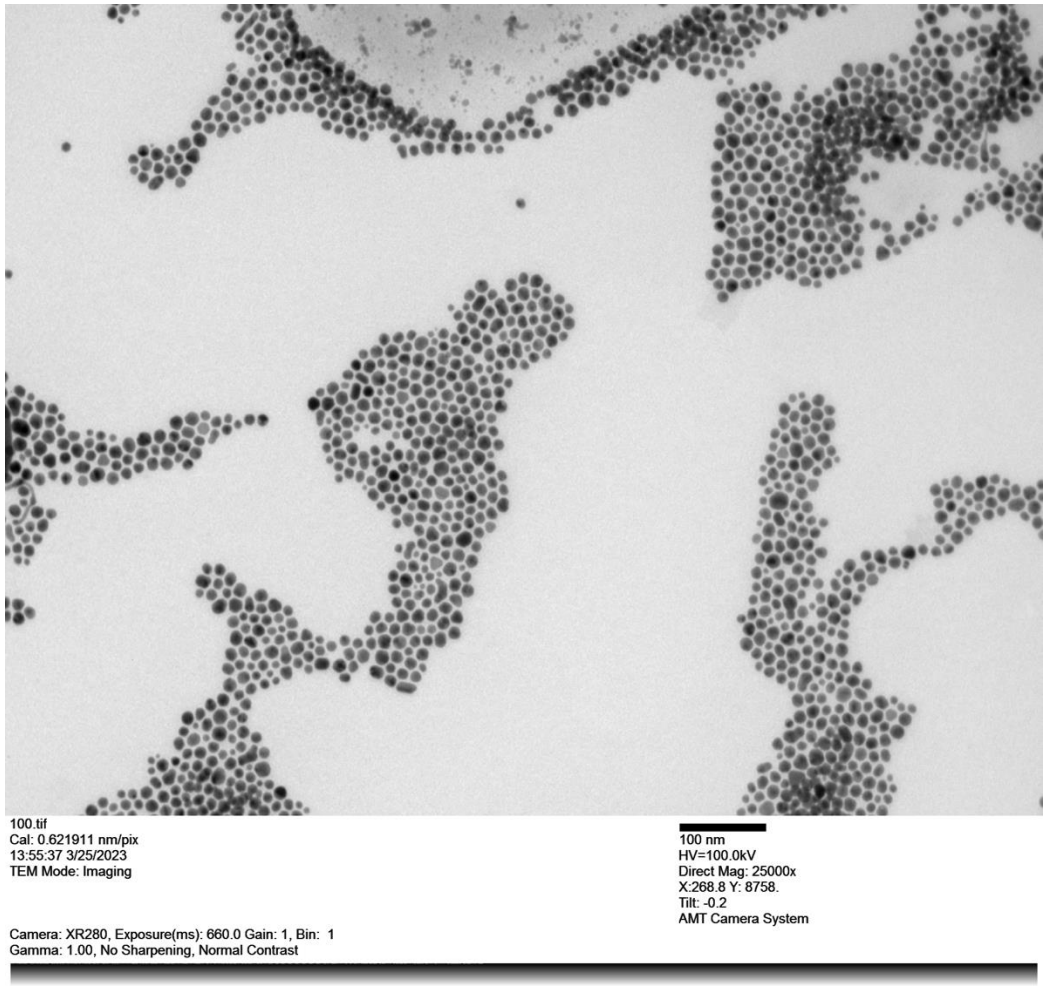

103.tif
Cal: 0.777389 nm/pix
14:46:15 2/24/2023
TEM Mode: Imaging
100 nm
HV=100.0kV
Direct Mag: 20000x
X:676.9 Y: -7196.
Tilt: -0.2
AMT Camera System
Camera: XR280, Exposure(ms): 1000 Gain: 1, Bin: 1
Gamma: 1.00, No Sharpening, Normal Contrast

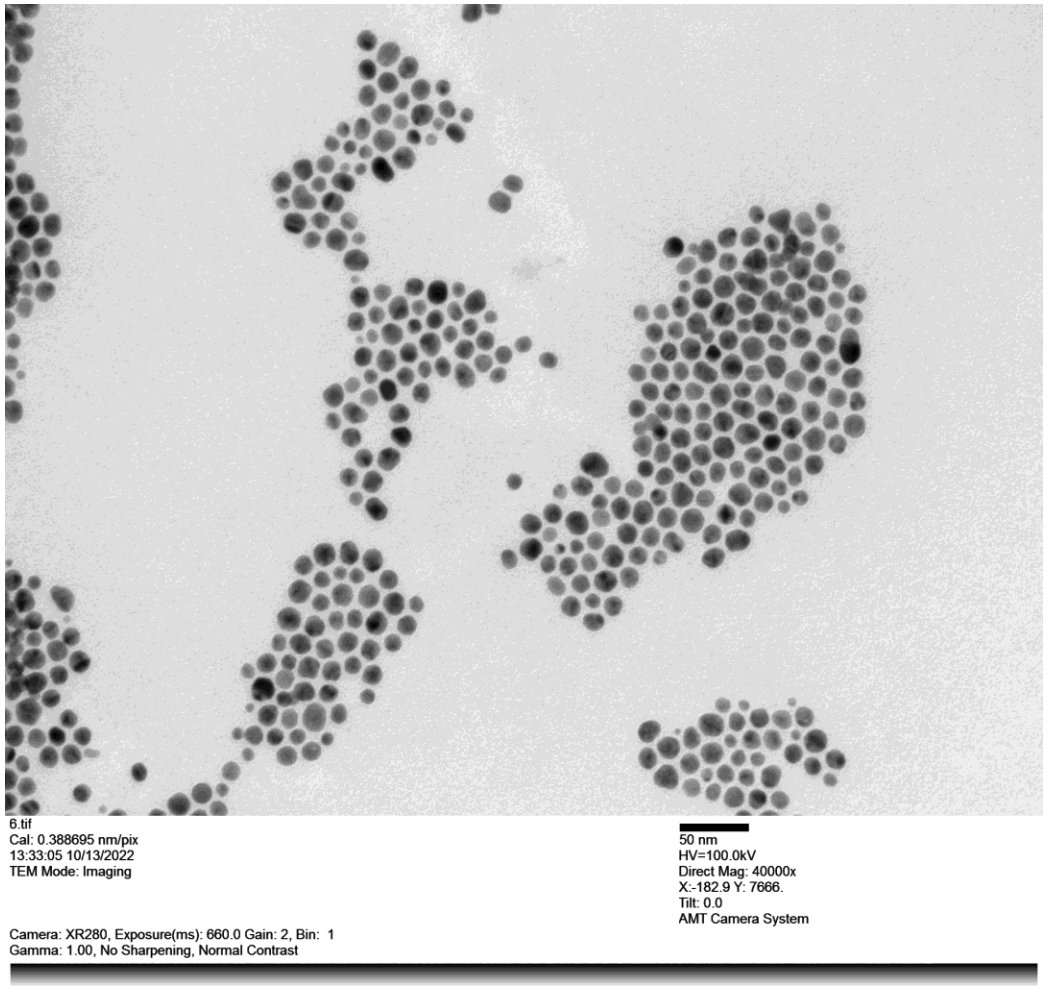
Alloy nanoparticles with high Au fraction



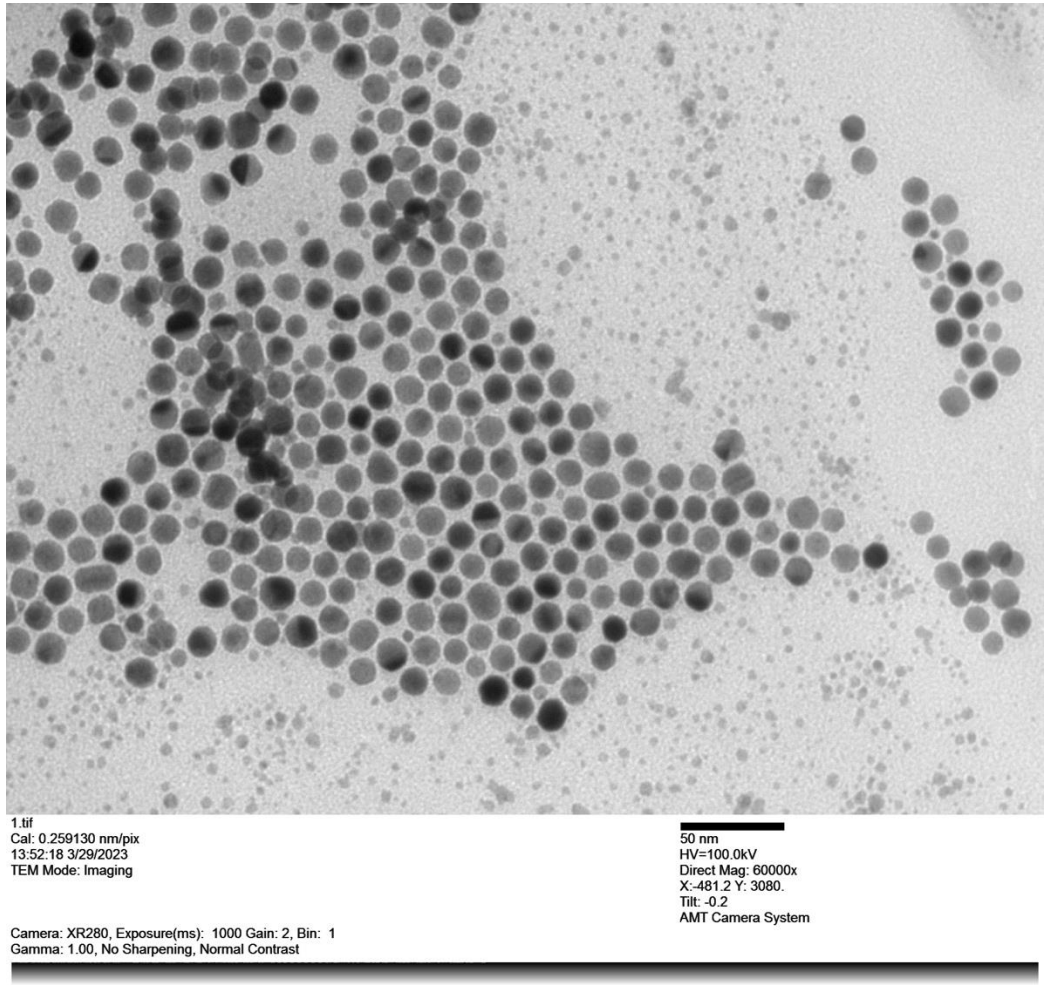


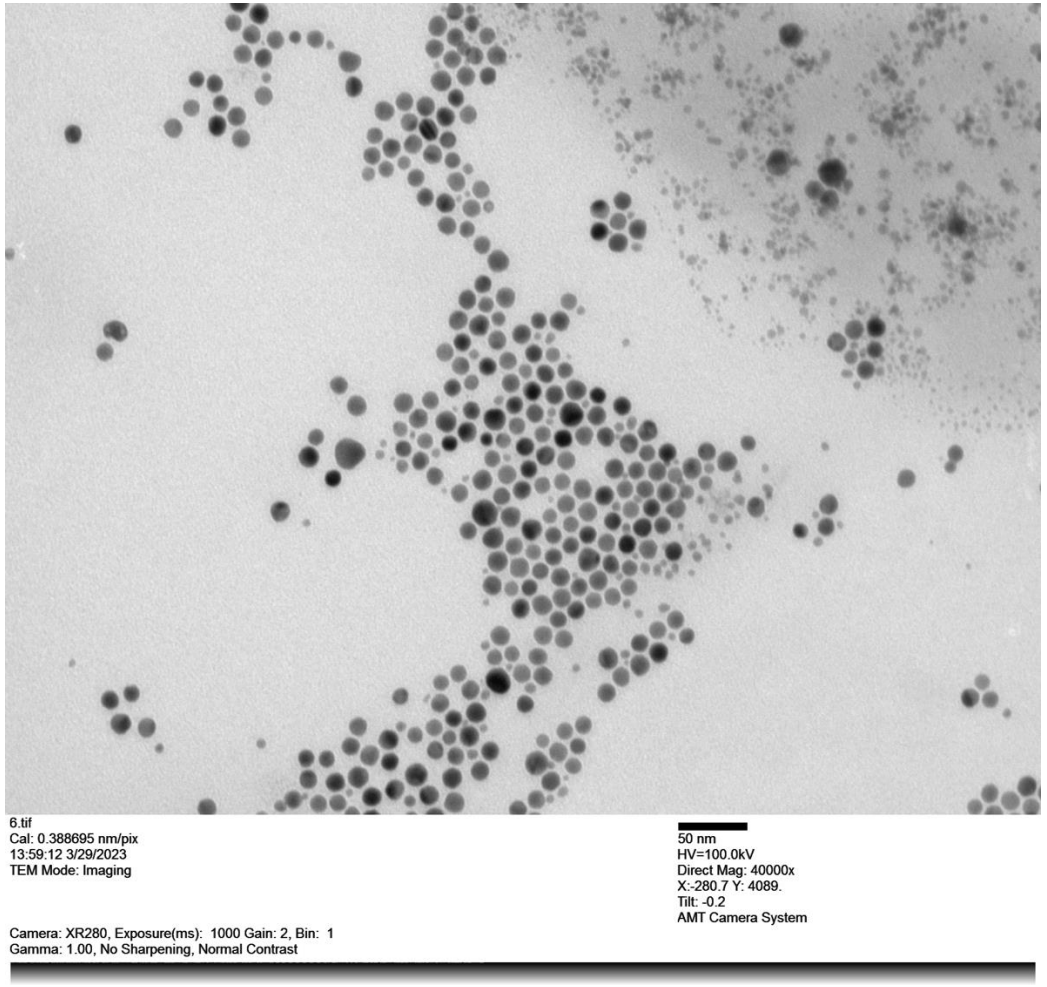
Alloy nanoparticles with low Au fraction



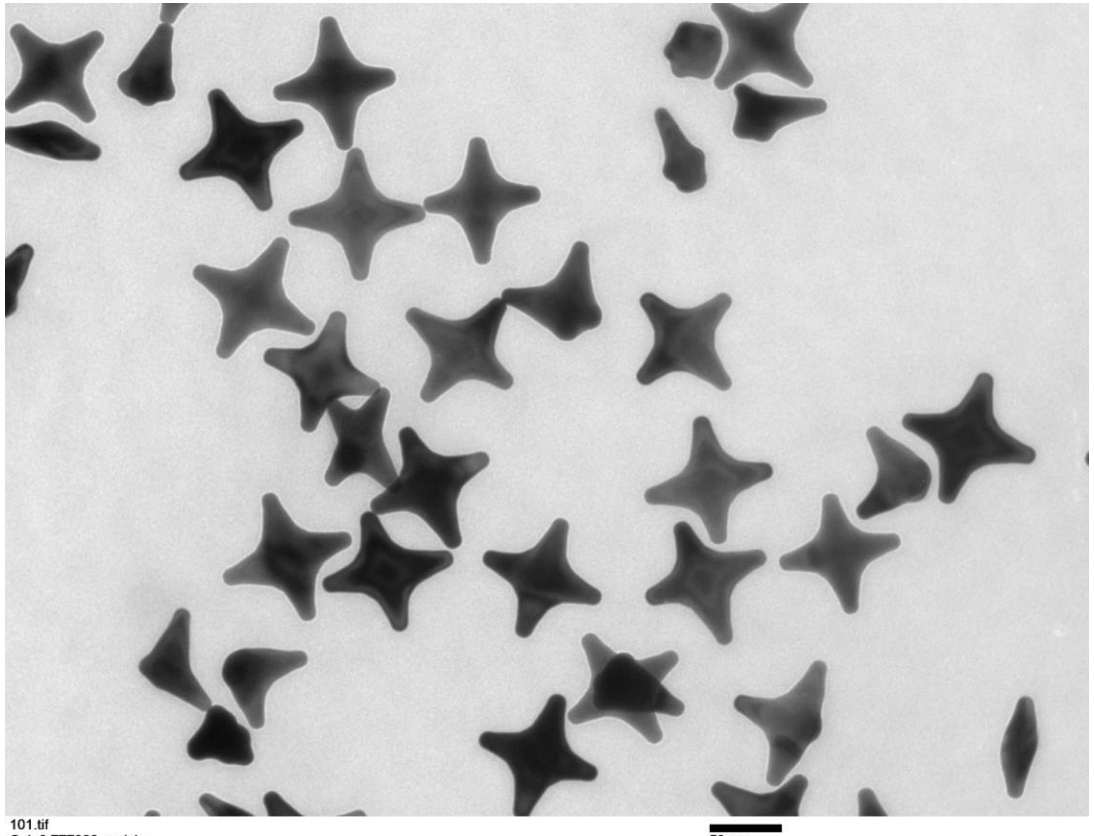


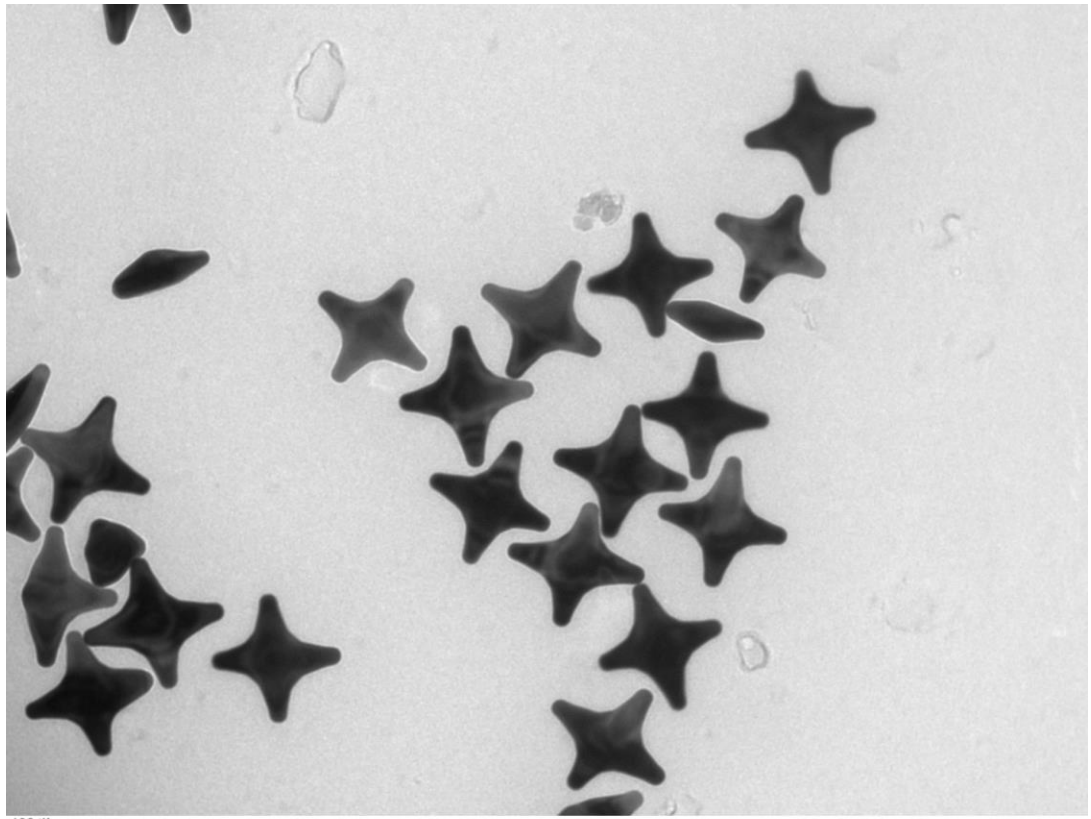
Core-shell Au/Ag nanoparticles

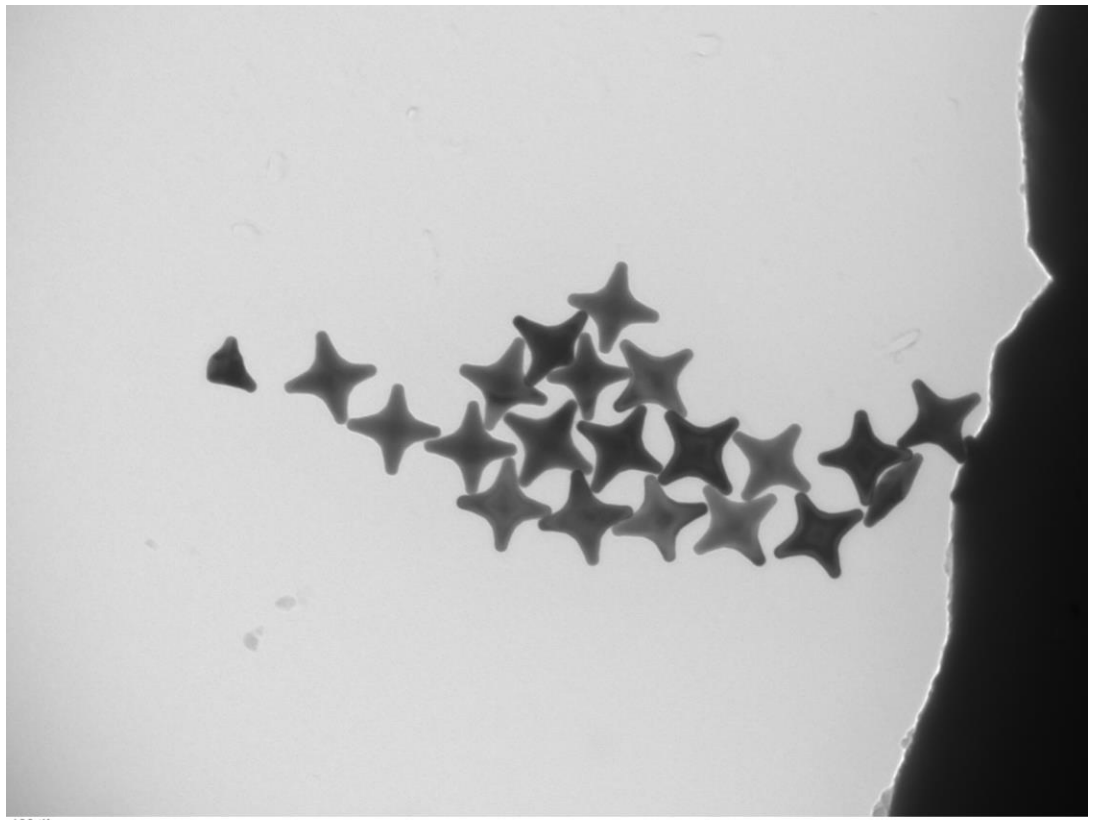




Gold tetrapods




106.tif
Cal: 0.777389 nm/pix
17:33:52 12/5/2024
TEM Mode: Imaging
50 nm
HV=100.0kV
Direct Mag: 40000x
X:-811.8 Y: 969.
Tilt: 1.2
AMT Camera System
Camera: XR280, Exposure(ms): 1000.0 Gain: 1, Bin: 1
Gamma: 1.00, No Sharpening, Normal Contrast


100.tif
Cal: 0.001037 µm/pix
16:49:41 12/3/2024
TEM Mode: Imaging
100 nm
HV=100.0kV
Direct Mag: 30000x
X:718.5 Y: -962.
Tilt: -0.1
AMT Camera System
Camera: XR280, Exposure(ms): 1000.0 Gain: 1, Bin: 1
Gamma: 1.00, No Sharpening, Normal Contrast