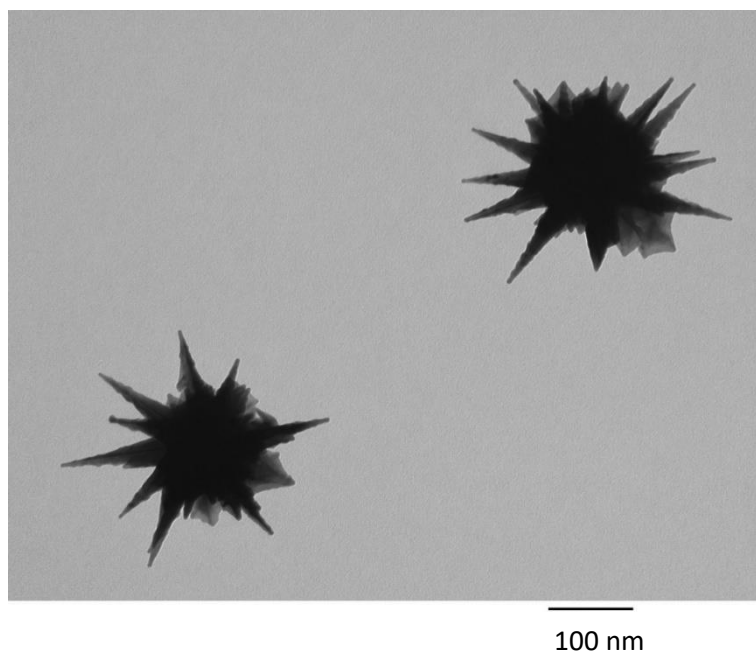
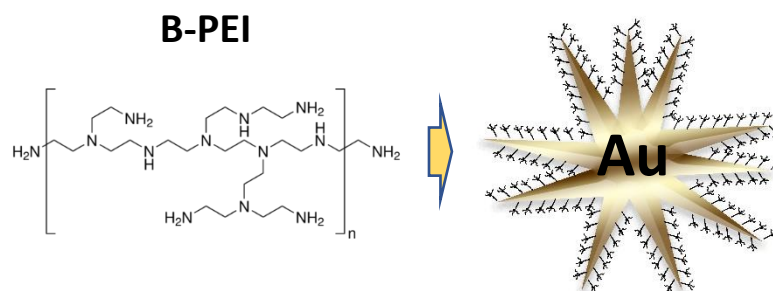




## Gold nanostars Au<sub>950</sub>, B-PEI-coated

Average core size, (TEM)	131.0nm ± 13.2nm (10%)
Average branches length, (TEM)	64.6nm ± 22.8nm
Average effective diameter, (TEM)	197.9nm
Mass of gold:	1000 µg/mL
UV-vis peak max at:	955nm
Gold purity:	99.99 %
Particle surface:	Branched polyethyleneimine, Av. Mw=25,000
Solvent:	Milli-Q water (18.1 MΩ-cm)
Particles surface charge:	positive
Particle concentration:	1.28E+10 particles/mL
Molar particles concentration:	0.0213 nM
Mass of a single particle	7.83E-11 mg



### Instrumentation used for characterization

Diameter and size distribution:	Transmission Electron Microscope HITACHI H-7100
Mass concentration:	PerkinElmer NexION 2000P+ ICP-MS
Spectral properties:	Thermo Scientific Evolution 220 UV-Visible Spectrophotometer
Hydrodynamic Diameter and Zeta Potential:	Wyatt Mobius Zetasizer

**Store at 4-25°C away from light. DO NOT FREEZE**



# Gold nanostars Au<sub>950</sub>, B-PEI-coated

