Nanoparticle incorporation into commercial and therapeutic products is increasing drastically.
- Interactions between physiology and nanoparticles are unknown
- New methods must be developed to assess changes in critical cell function

Immune system cells take up Au nanoparticles
- Electrochemical assay shows change in exposed cell’s ability to exocytose chemical messengers

Publication

Image: Transmission electron microscopy (TEM) images showing Au nanoparticles inside cells.

Graph: Electrochemical assay showing a peak at 200 pA over 15 seconds for 1 nM Au NP compared to control.