



NCI Alliance for
Nanotechnology
in Cancer

Researchers at the Northwestern University Center of Cancer Nanotechnology Excellence (NU-CCNE) are developing gold and silver nanostructures with controlled shapes for use in a wide range of applications including detection, electronics, medicine, and catalysis. This image shows a stack of gold nanocubes with concave surfaces. The concave nanocubes have highly-sloped faces containing large numbers of exposed surface atoms, which are beneficial for catalytic applications, and also have sharp corners which are useful for detection applications.

Image Credentials: Michelle Personic; Mark Langille; and Chad Mirkin, Ph.D.

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