

Nanoprism Mosaic

By: Nitya Sai Reddy Satyavolu Chemistry

The picture here represents a false-colored scanning electron microscope image of gold nanoprisms, each only a few nanometers thick, but sub-micron sized in lateral dimensions. The nanoprisms, each colored differently, look like chards of painted glass in a mosaic. Ideally, a successful synthesis would yield nanoprisms that are identical in shape and size, but a "bad" day in lab can occasionally result in something truly beautiful.