## Self-Assembly of Nanoparticles into Long Flat Nanowires

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The collective of nanoparticles manifest in their ability to self-organize into complex microscale structure. Slow oxidation of tellurium ions in cadmium telluride (CdTe) nanoparticles results in the assembly of 300 to 500nm long flat wires made of several layers of indivisual CdTe nanocrystals. This study also demonstrates a viable pathway for the fabrication of nanomaterials possessing shape of nanowires within specific controlled environment in the dark.

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