



Researchers at the University of Illinois at Urbana-Champaign supported by a Pathway to Independence Award in Cancer Nanotechnology Research from the National Cancer Institute are developing the next generation of quantum dots to study single-molecule processes in living systems. This image is a transmission electron micrograph of a human carcinoma cell, showing the early stages of quantum dot nanoparticle delivery into cultured cells. Quantum dots, enhanced through silver-development, are shown in green attached to the cellular plasma membrane.

Image Credentials: Andrew M. Smith, Ph.D., and Hong Yi, Ph.D.

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		