Electronic Supplementary Material (ESI) for Biomaterials Science.

Supplementary Information

Sequestering Survivin to functionalized nanoparticles: A strategy to enhance apoptosis in cancer cells

*Ragini Jenkins, Yuriy P. Bandera, Michael A. Daniele, LeAnna L. Ledford, Ashlee Tietje, Andrew A. Kelso, Michael G. Sehorn, Yanzhang Wei, Mrinmay Chakrabarti, Swapan Ray and Stephen H. Foulger**

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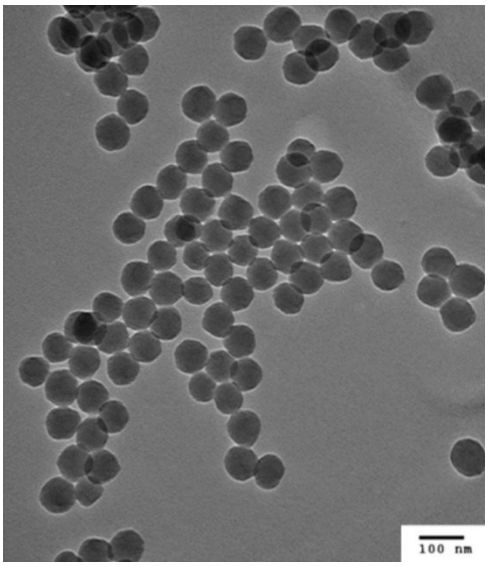
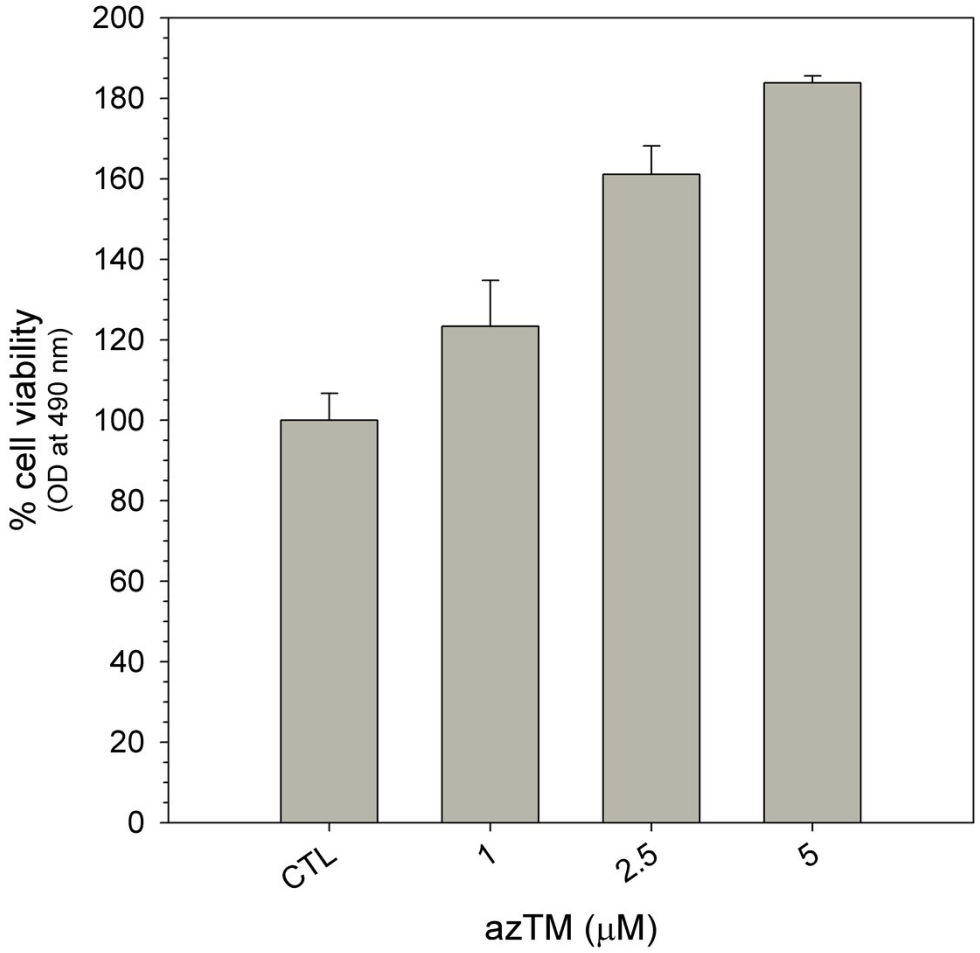
TEM image of PA particles:

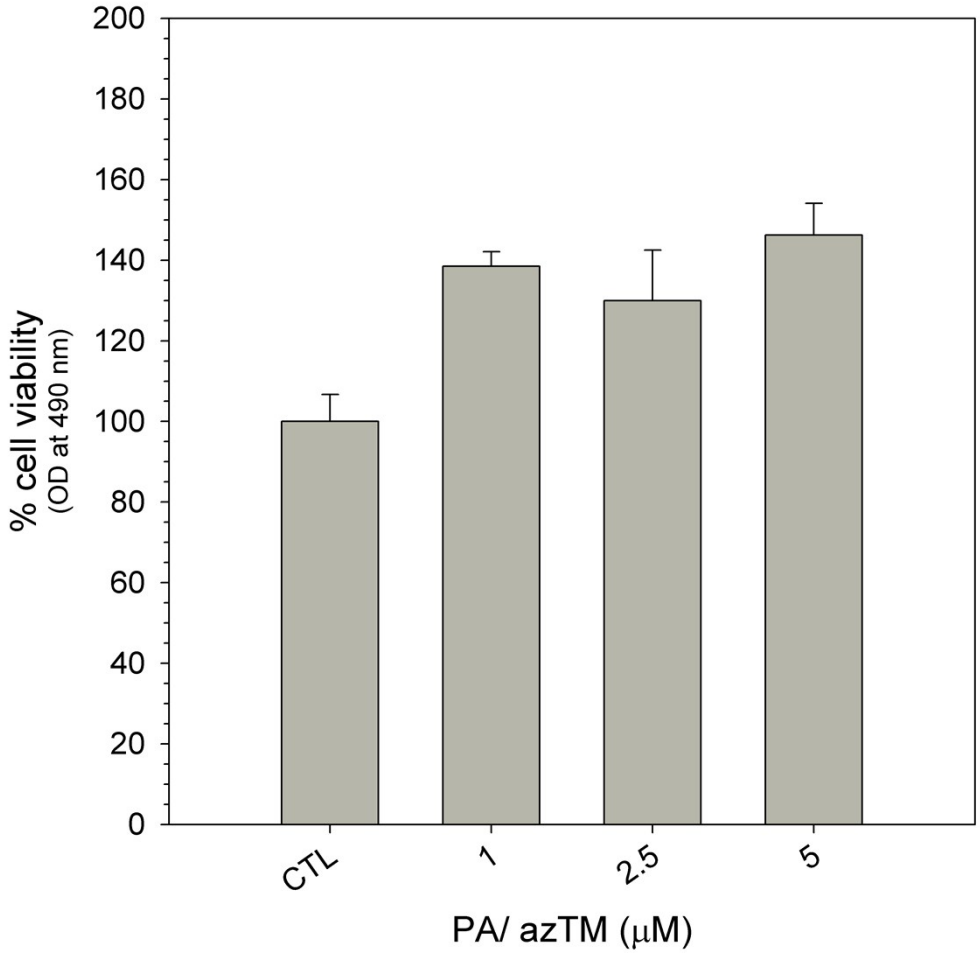


TEM micrograph of unmodified poly(propargyl acrylate) (PA) particles. Scale bar represents ca. 100 nm.

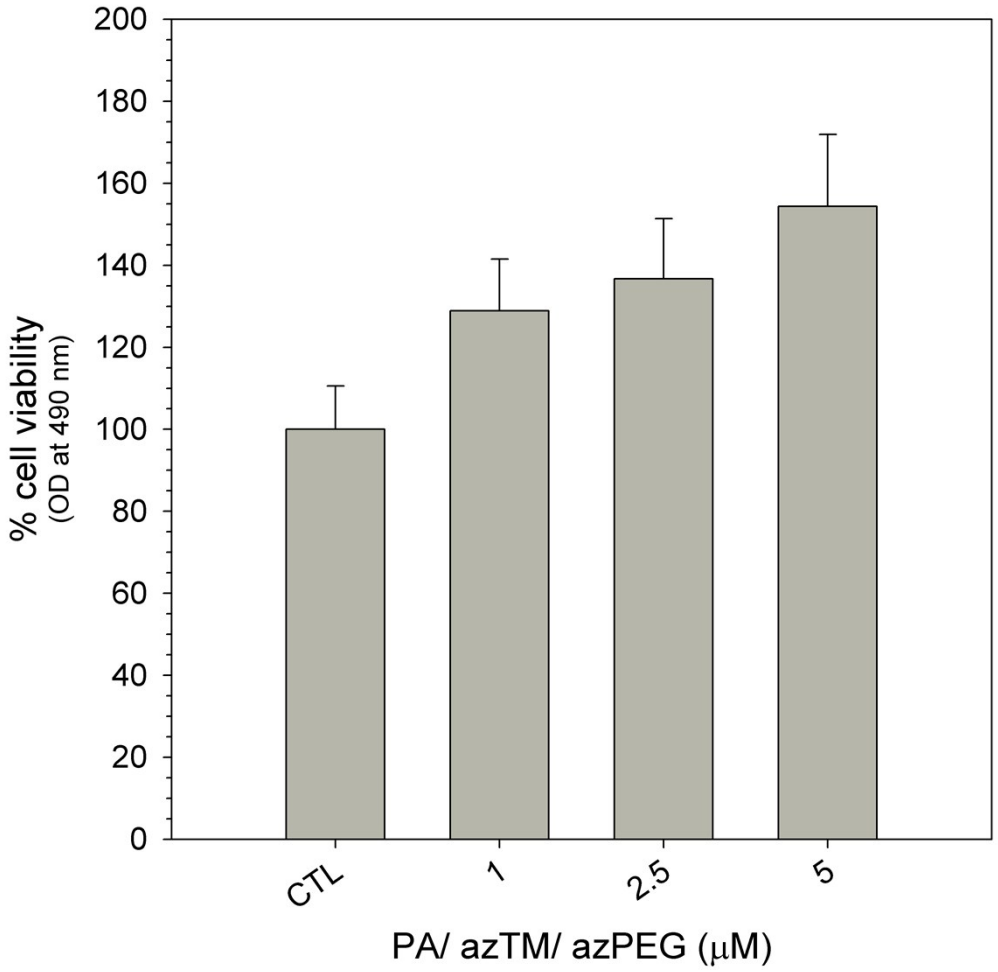
Cytotoxicity tests carried out in NL20 cells:



Proliferation of NL20 cells after 2 days of incubation with azTM small molecule at concentrations of ca. 1, 2.5 and 5 μM. Each condition was tested in four replicates. Cell viability was determined via 3-[4,5-dimethylthiazol-2-yl]-2,5-diphenyl tetrazolium inner salt (MTS) assay.



Proliferation of NL20 cells after 2 days of incubation with PA/ azTM nanoparticles at concentrations of ca. 1, 2.5 and 5 μM. Each condition was tested in four replicates. Cell viability was determined via 3-[4,5-dimethylthiazol-2-yl]-2,5-diphenyl tetrazolium inner salt (MTS) assay.



Proliferation of NL20 cells after 2 days of incubation with PA/ azTM/ azPEG nanoparticles at concentrations of ca. 1, 2.5 and 5 μM. Each condition was tested in four replicates. Cell viability was determined via 3-[4,5-dimethylthiazol-2-yl]-2,5-diphenyl tetrazolium inner salt (MTS) assay.