Supplementary Information

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

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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.