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## A novel class of potential prion drugs: Preliminary *in vitro* and *in vivo* data for multilayer coated gold nanoparticles

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Fig. S1 HRTEM image of a 2A coated nanogold particle. It was acquired with an acceleration voltage of 200 kV.

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**Fig. S2** Western blot of cell lysate from ScGT1 cells treated with nanoparticles (a) 2A, (b) 2A -46 nm, (c) 5S, (d) 5S -46 nm. After 2 days in cell culture, the media were refreshed and the nanoparticles added at the indicated concentrations and incubated for 5 more days. Proteins from the cell lysate were quantified, treated with or without proteinase K (PK) and immunoblotted using anti-PrP Fab D18.