Electronic Supplementary Material (ESI) for Nanoscale Advances.

Scavenging neurotoxic aldehydes by lysine carbon dots

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Supporting Information

Figure SI-1

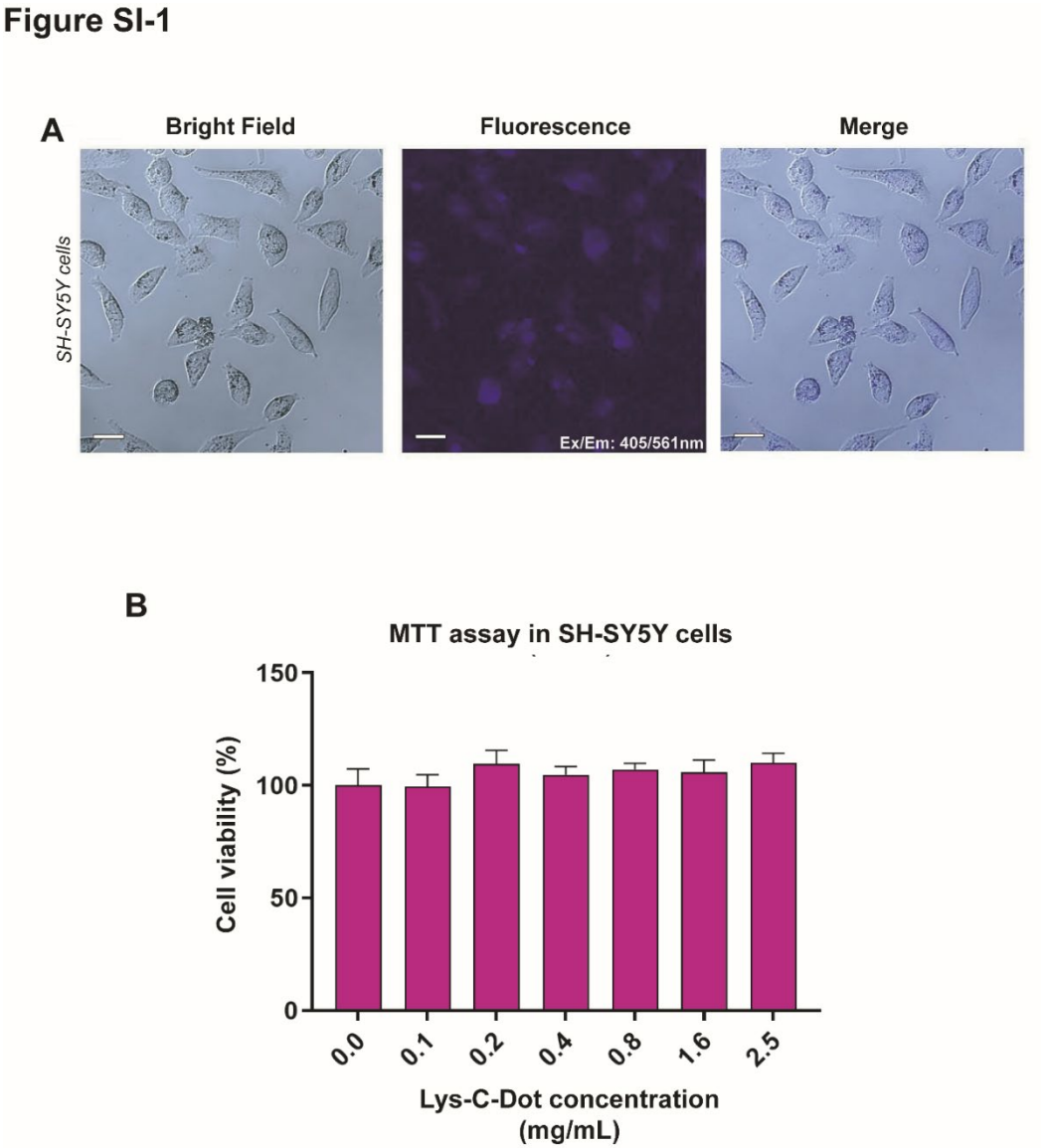

Fig. SI-1 Lys-C-Dot internalization and cytotoxicity results in SH-SY5Y cells. (A) Internalization was studied detecting intrinsic fluorescence signal of Lys-C-dots at 561 nm after excitation at 405 nm. SH-SY5Y were treated at 2.5 mg/mL for 24 hours and then analyzed at confocal microscopy. Representative bright field and fluorescence images are shown, scale bar 50 µM. (B) Viability of SH-SY5Y cells were analyzed by MTT assay 24 hours treatment with increasing concentration of Lys-C-Dots. Cell viability is normalized on untreated cells as 100%. Data are presented as mean ± SEM.