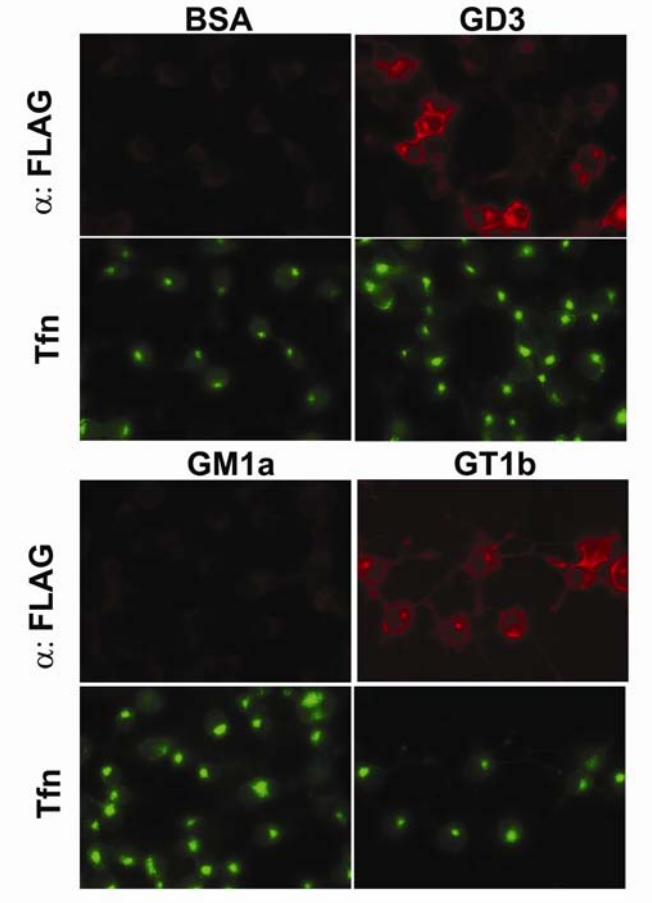
M8 09477
Chen et al

Supplemental Fig 1. Ganglioside loading of Neuro2a cells enhances the entry of HCR/T. Neuro2a cells were loaded with the indicated ganglioside. Cells were washed and incubated with 100 nM HCR/T and 10 μg/ml of Alexa Fluor 488-Transferrin for 30 min at 37°C. HCR/T was visualized by immunofluorescence using a mouse α-FLAG antibody followed by Alexa Fluor 594-coupled secondary IgG.

Supplemental Fig 2. Incorporation of exogenous gangliosides in PC12 cells treated with PPMP. PC12 cells were incubated with 25 μM PPMP for 48 h and then loaded with 100 μg/ml of the indicated ganglioside for 24 h in the presence of 25 μM PPMP. (a) Loading of GM1a was monitored by incubating cells with 4 nM Alexa Fluor 488-conjugated cholera toxin B subunit (CTB) for 30 min at 37 °C. (b) GD3- and GT1b- loaded PC12 cells were washed, fixed with 4% para-formaldehyde for 10 min, and incubated with α-GD3 IgG (R24, Abcam) or α-GT1b IgG (Seikagaku America, Inc.). Bound IgG was visualized by using a goat α-mouse IgG-Alexa Fluor 488 conjugate.

Supplemental figure 1



Supplemental figure 2