

**Table 1****Heparin Modulation of the Wnt-3a ligand Effect on the Survival of Hippocampal Neurons Exposed to the A $\beta$  peptide**

Treatment	Cell Survival (%)
Control	100.0 $\pm$ 6.1
A $\beta$	51.4 $\pm$ 2.9
A $\beta$ + Wnt-3a	75.9 $\pm$ 4.3
A $\beta$ + Wnt-3a + heparin 0.1 $\mu$ g/ml	88.3 $\pm$ 6.0 *
A $\beta$ + Wnt-3a + heparin 1.0 $\mu$ g/ml	103.1 $\pm$ 8.5 *

Values represent means  $\pm$  s.d. of three experiments carried out in triplicate. Hippocampal neurons were pretreated with Wnt-3a ligand with or without heparin for 1h previous to the addition of 5  $\mu$ M A $\beta$ <sub>1-40</sub>. Neurons were then incubated for 24h and MTT reduction was determined.

\*Indicates P<0.05 compared with respect to A $\beta$  + Wnt-3a in a "T" test analyzed by the Sigma plot 2.0 program.