

Supporting Information

Figure S1. Percentage of soluble $A\beta_{40}$ (40 μ M) in the solution without or with Zn^{2+} or Cu^{2+} ions in the absence and presence of chelators after incubation at 37°C and pH 7.4 for 24 h in disaggregation assay ($[A\beta_{40}] : [Cu^{2+}] / [Zn^{2+}] : [L1] / [L2] = 1 : 2 : 4$).

Figure S2. ThT fluorescence spectra of $A\beta_{40}$ (20 μ M) solutions in the absence and presence of Zn^{2+} (A) or Cu^{2+} (B) and L1 or L2 after incubation at 37°C for 24 h in disaggregation assay. ($[A\beta_{40}] : [Cu^{2+}] / [Zn^{2+}] : [L1] / [L2] = 1 : 2 : 4$).

Figure S3. ThT fluorescence spectra of $A\beta_{40}$ (20 μ M) solutions in the presence of L1 or L2 after incubation at 37°C for 24 h(A), 48 h(B), 72 h(C). ($[A\beta_{40}] : [L1] / [L2] / [EDTA] = 1 : 4$).

Figure S4. Cell viability (%) of $A\beta_{40}$ in presence of L1 or L2 toward SH-SY5Y cells tested by the MTT assay ($[A\beta_{40}] = 10 \mu$ M; $[A\beta_{40}] : [L1] / [L2] / [EDTA] = 1 : 4$).

Figure S5. Cell viability (%) of metal ions $A\beta_{40}$ in the absence or presence of chelators toward SH-SY5Y cells tested by the MTT assay. ($[A\beta_{40}] = 10 \mu$ M; $[A\beta_{40}] : [L1] / [L2] / [EDTA] = 1 : 4$).

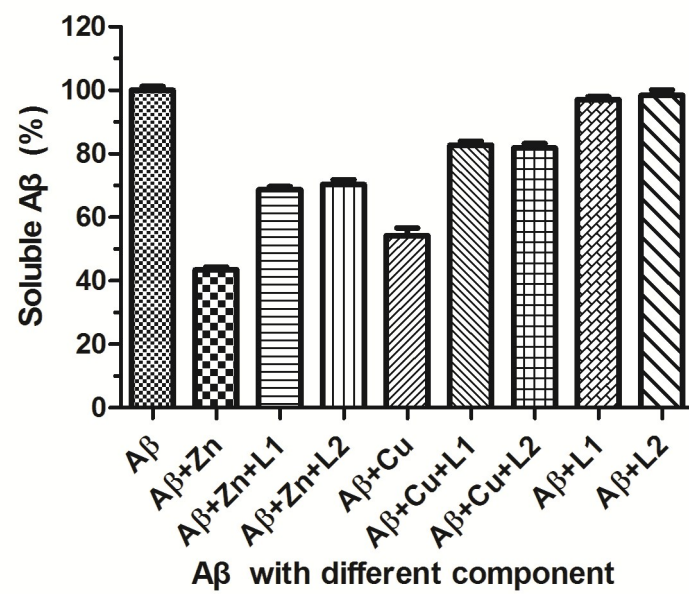


Figure. S1

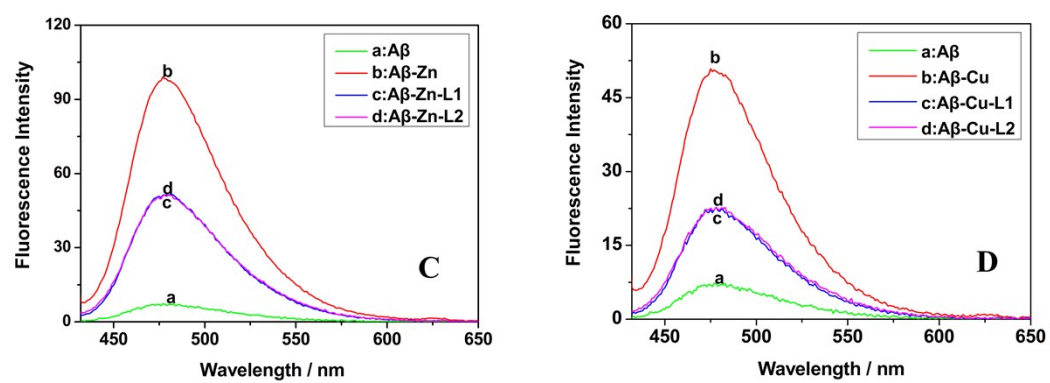


Figure. S2

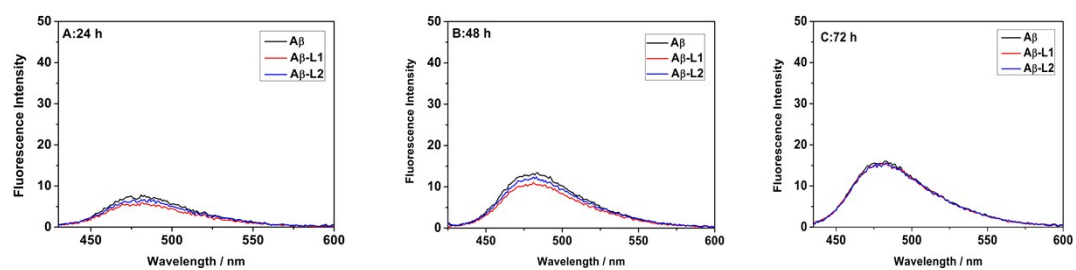


Figure. S3

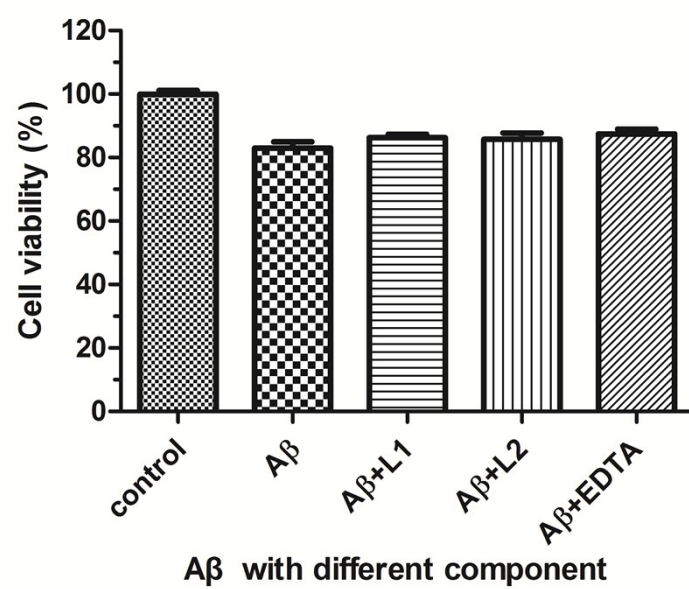


Figure. S4

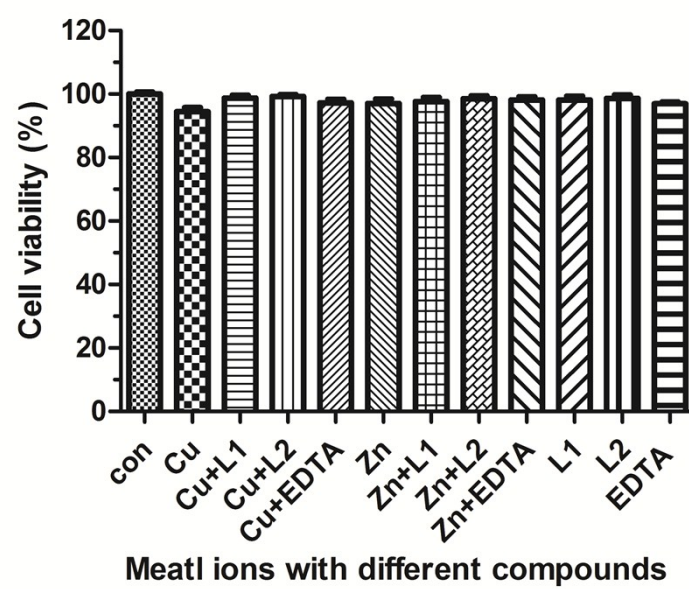


Figure. S5