

# Ganglioside Lipids Inhibit the Aggregation of the Alzheimer's Amyloid- $\beta$ Peptide

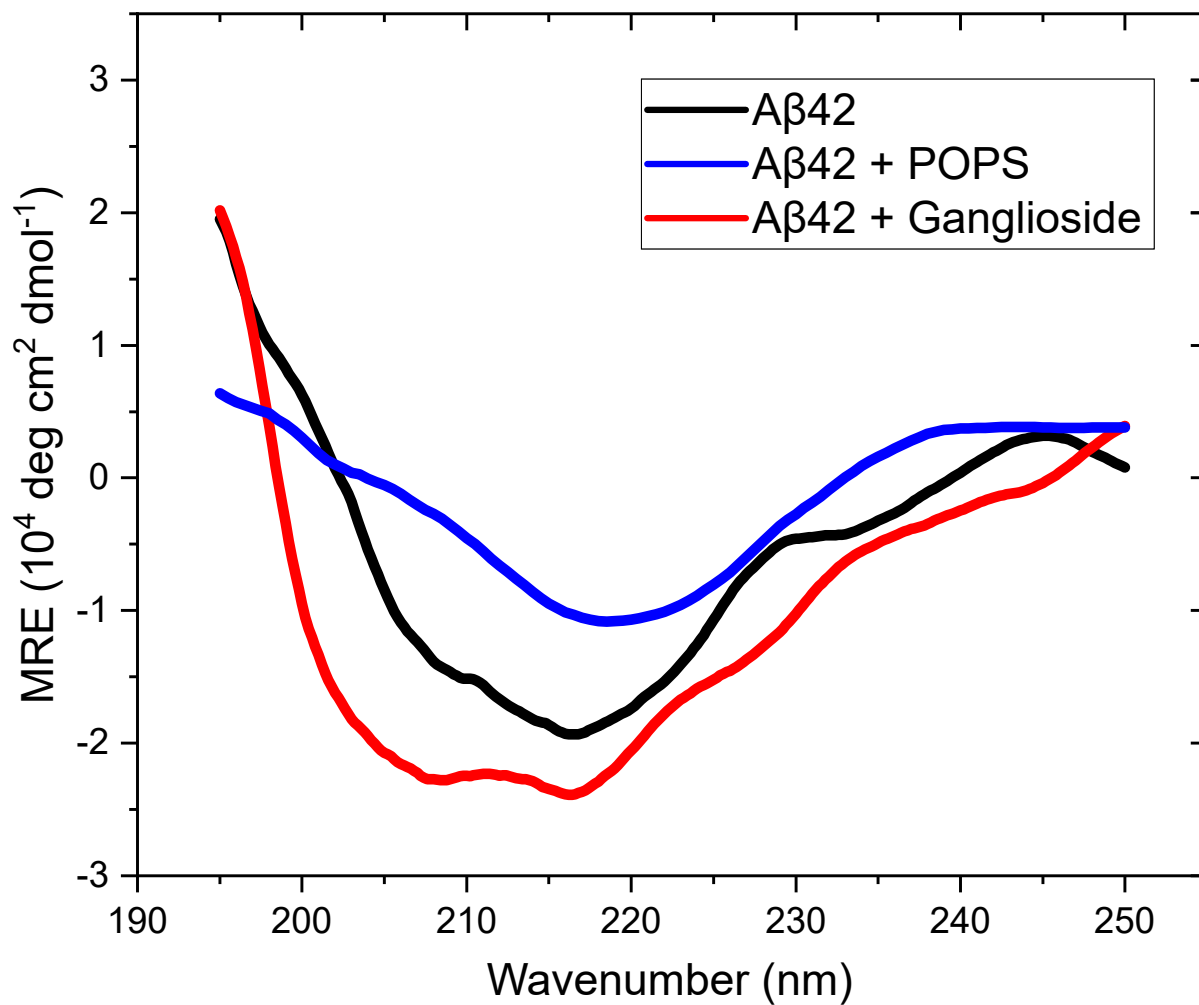
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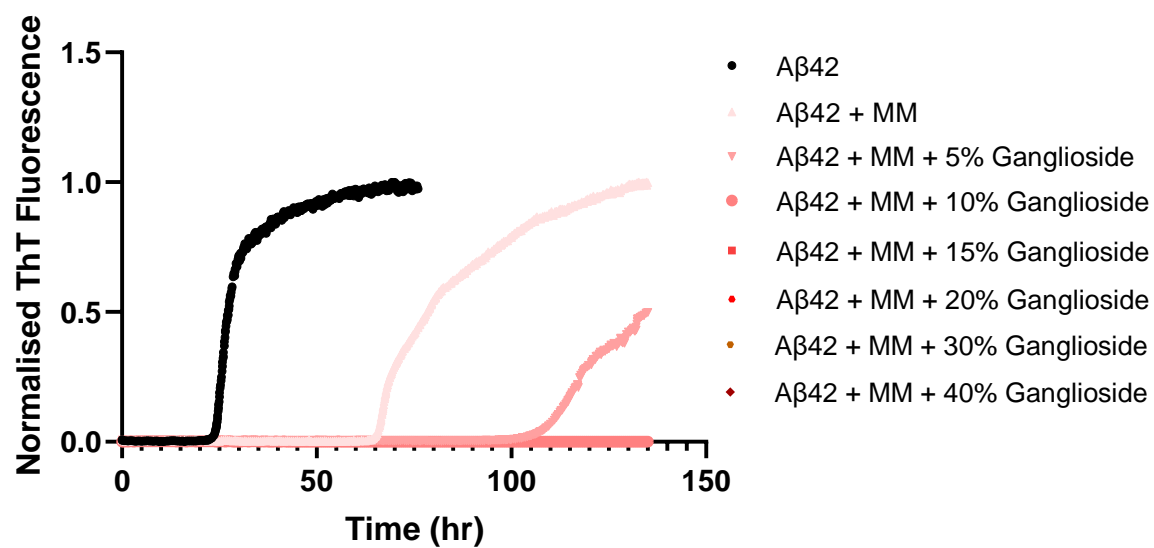
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**Figure 1:** CD spectra of a 1  $\mu$ M A $\beta$ 42 solution following aggregation in the absence of a lipid (black curve) with POPS (blue curve) and with gangliosides (red curve). The negative band at 217/218nm is characteristic of a  $\beta$ -sheet structure.



**Figure 2:** Normalised ThT aggregation kinetics of a  $3\ \mu\text{M}$  A $\beta$ 40 solution in the absence and presence of a lipid mixture with varying amounts of gangliosides.