

Oligomer-targeting with a conformational antibody fragment promotes toxicity in A β -expressing flies.

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Abstract

The self-assembly of A β peptides into a range of conformationally heterogeneous amyloid states represents a fundamental event in Alzheimer's disease. Within these structures oligomeric intermediates are considered to be particularly pathogenic. To test this hypothesis we have used a conformational targeting approach where particular conformational states, such as oligomers or fibrils, are recognized in vivo by state-specific antibody fragments.

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