

Supplementary data

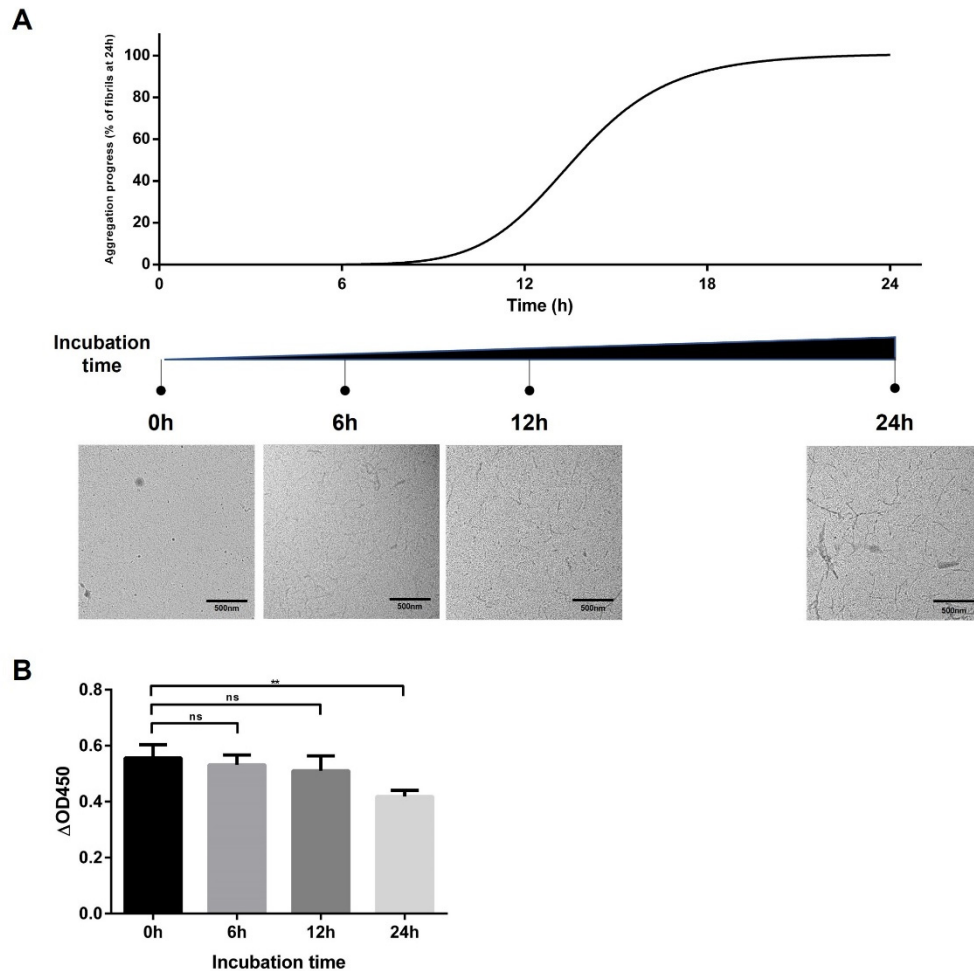


Figure S1. The TEM image of each time point during the amyloid aggregation process and determination of its signal via a developed protocol.

To confirm that the peptide binds to which of the various conformers of Aβ₄₂, we performed TEM and checked the exact state of aggregation of Aβ₄₂ at several time points throughout the aggregation process as described in a previous study [1]. Although the amount of fibril of Aβ₄₂ kept increasing with time, the signal by the peptide reached a plateau during the procedure and didn't go up any further, with a slight decline at the end. We think that it is because excessive aggregation of Aβ₄₂ makes the peptide hard to bind.

Reference

[1] W. B. Stine, L. Jungbauer, C. Yu, M. J. Ladu, Preparing synthetic Aβ in different aggregation states. *Methods Mol Biol.* **2011**, 670, 13–32. doi:10.1007/978-1-60761-744-0_2.