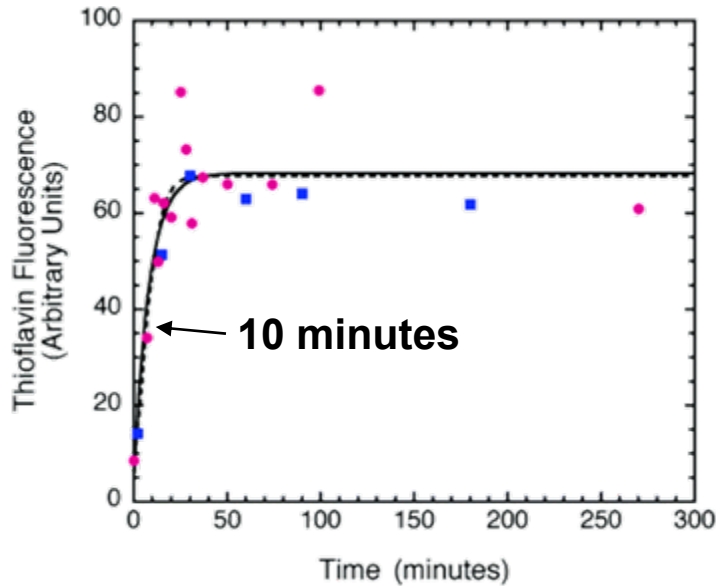
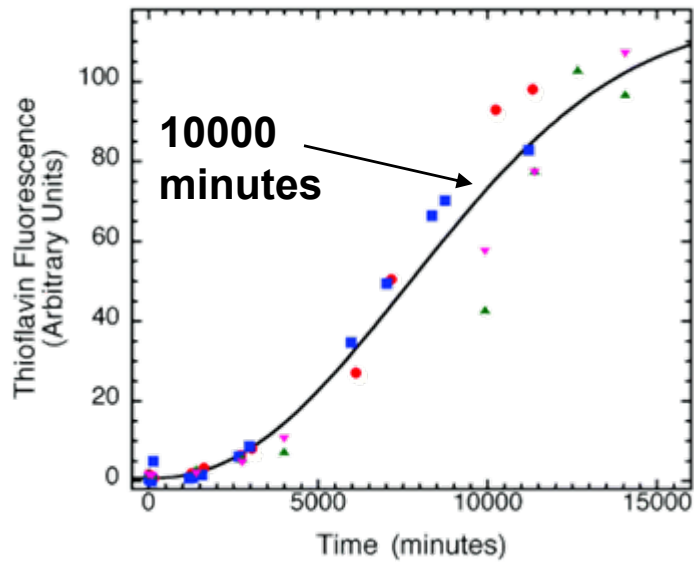
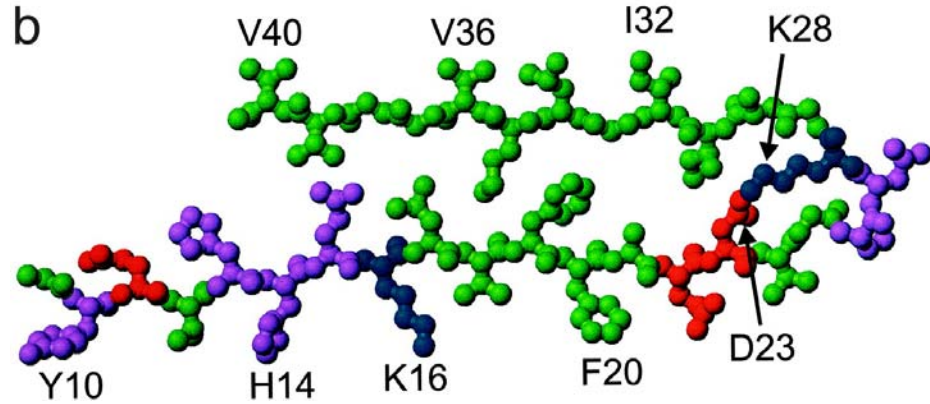


# Kinetics of Amyloid Fibril Formation

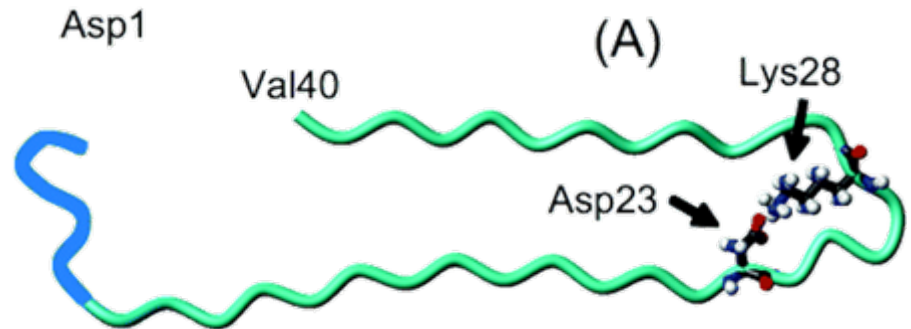
[Amyloid Fibril]



40-residue  $\beta$ -amyloid with non-covalent “salt bridge between Asp-23 and Lys-28



40-residue  $\beta$ -amyloid with non-native covalent lactam bridge



Petkova, A. T. et al. (2002) Proc. Natl. Acad. Sci. USA 99, 16742-16747

Sciarretta, K. L. et al. (2005) Biochemistry 44, 6003-6014