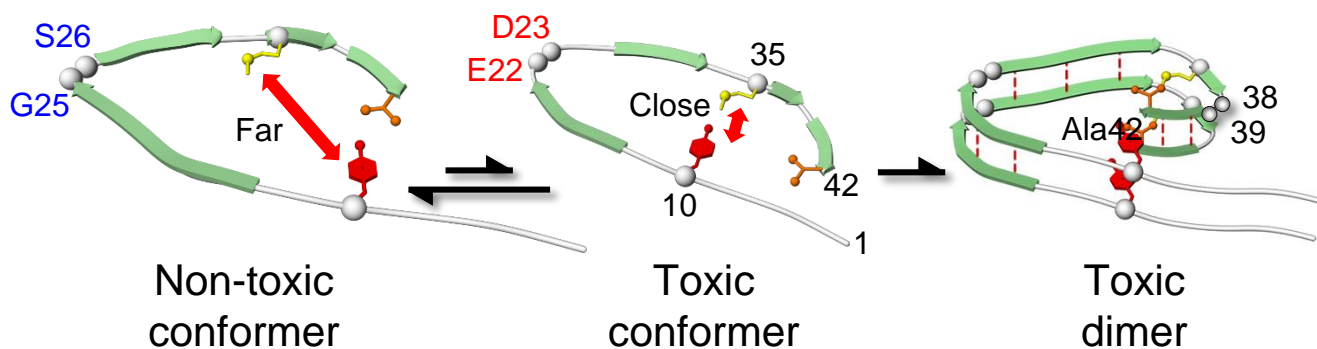
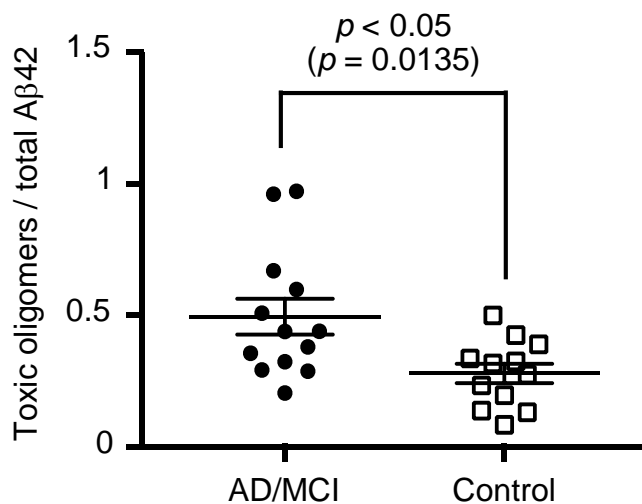


- Toxic and non-toxic conformer of A β
- Specific ELISA kit for toxic A β oligomer



Code	Species	Name	Package Size	Measurement Range	Measuring Samples
27709	Human	Human Amyloid β Toxic Oligomer Assay Kit - IBL	96 well	3.13 ~ 200 pg/mL	CSF



Oligomerization of A β 42 is considered as an early event in AD. Irie *et al.* have proposed the toxic conformer with a turn at positions 22 and 23 in A β 42 aggregates.¹⁾ This toxic A β conformer could form stable and neurotoxic oligomers.

Antibody 24B3, highly specific for the toxic A β 42 conformer, has been developed to be applied for ELISA assay kit.²⁾ This kit could detect selectively putative A β oligomers in CSF.

The ratio of toxic A β oligomers to total A β 42 in CSF could distinguish between AD/MCI patients and age-matched individuals.

References

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