

AMYLOID and TAU

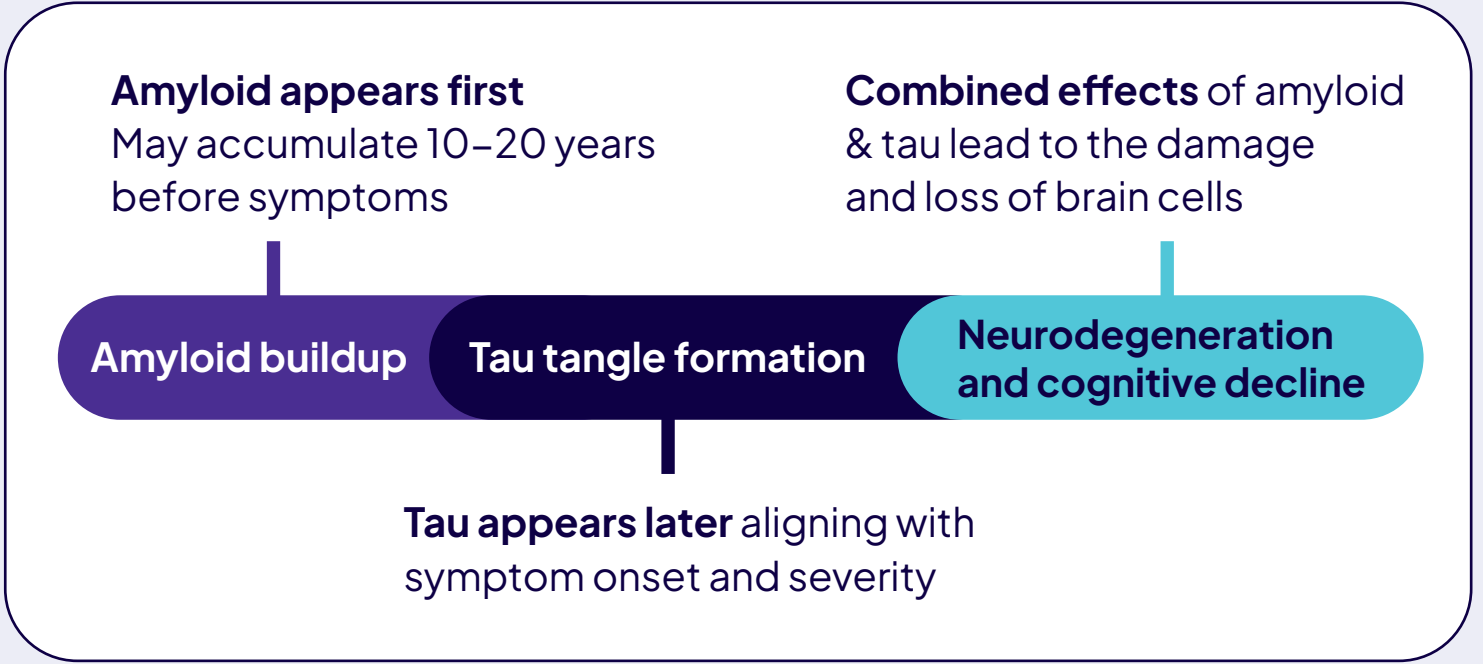
Understanding the Two Key Proteins in Alzheimer’s Disease (AD)

Amyloid-β (Aβ)

Sticky protein fragments that clump into plaques **outside neurons**

Tau Protein

Protein that stabilizes microtubules, but forms tangles **inside neurons** when abnormal



Detection:

Cognitive tests and MRI



Clinical Use:

Cognitive tests correlate with MRI atrophy



Availability:

Both are widely, although not uniformly, available



Treatment Focus:

AChE inhibitors aid cognition;
MRI tracks disease and therapy response



Key Takeaways:

- 1 Amyloid initiates the disease process
- 2 Tau drives symptoms and progression
- 3 Both are crucial to understanding and treating AD

