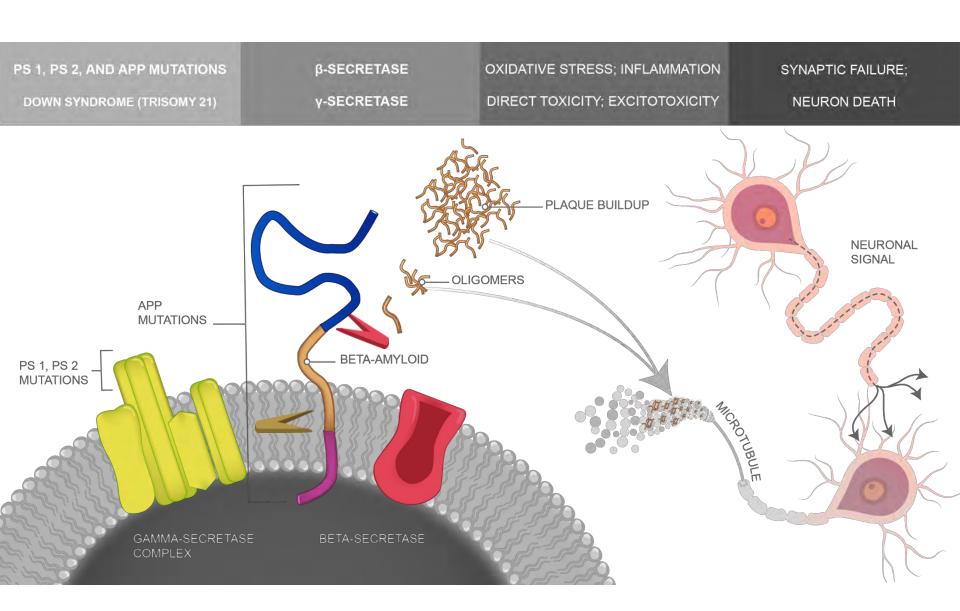
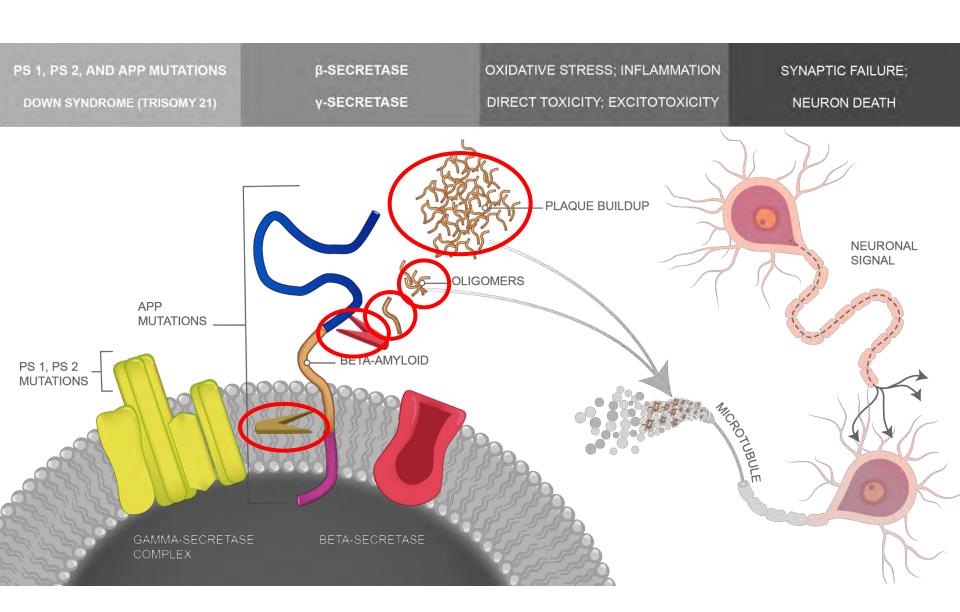
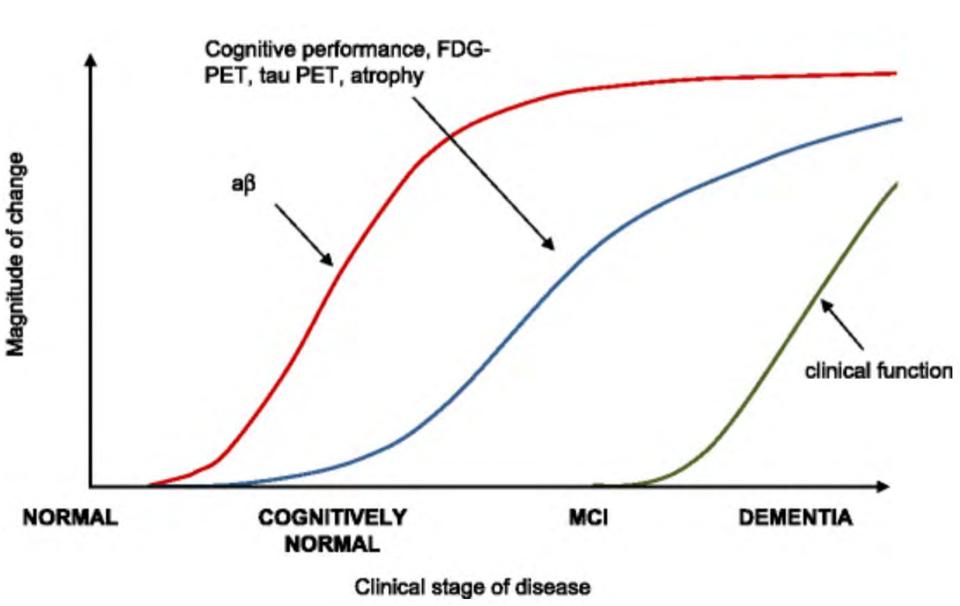
## ALZHEIMER'S DISEASE THERAPEUTIC RESEARCH IN 2019

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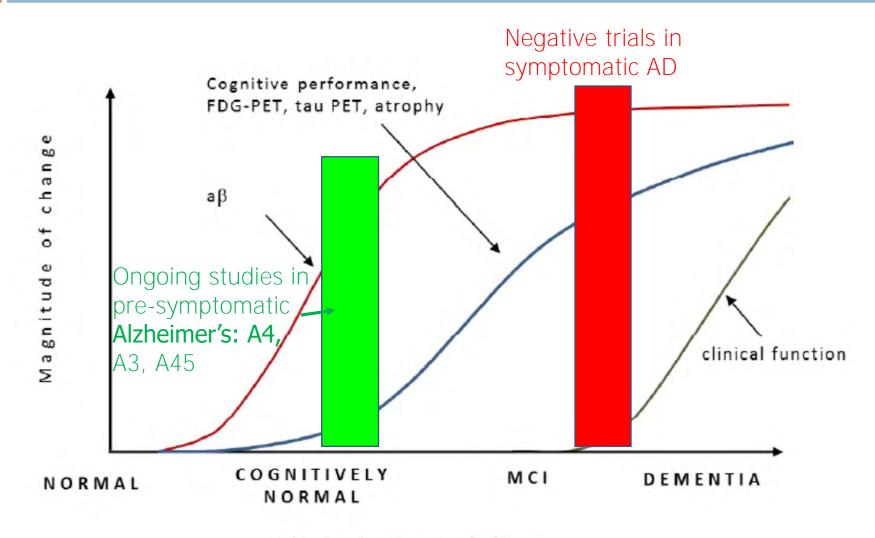




## **AD Continuum**



## Remove amyloid for a cure?



Clinical stage of disease

## 2019: the year in AD therapeutic research

- Aducanumab failure
  - Need earlier intervention
- BACE inhibitor cognitive toxicity
  - Dose-related, reversible
  - Path forward requires careful dose selection, cognitive monitoring and early intervention
- Other targets
  - Microglia, tau, many others
- Blood tests for AD
  - Plasma abeta ratio
  - NFL