

path to the prevention of Alzheimer's disease

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unacceptable problem

ounce of prevention

what's been holding us back

biomarkers may help

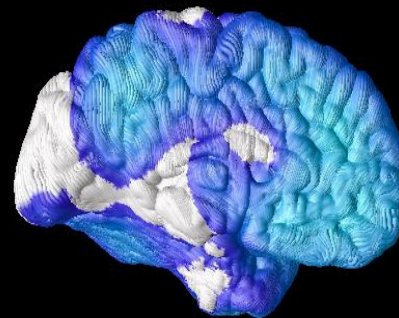
no APOE4 genes



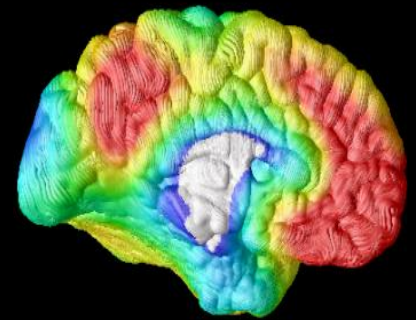
1 APOE4 gene



2 APOE4 genes

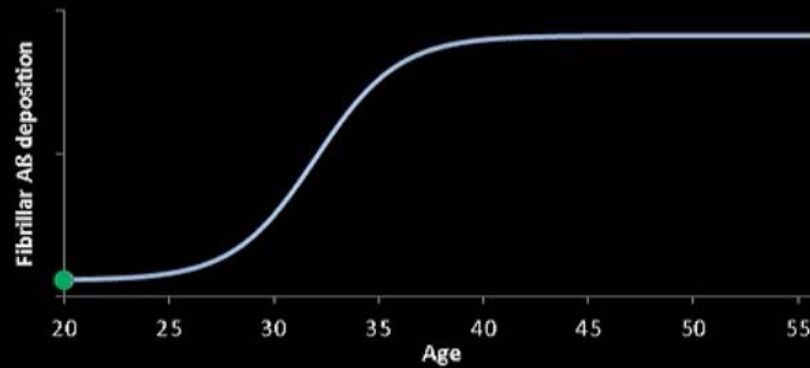


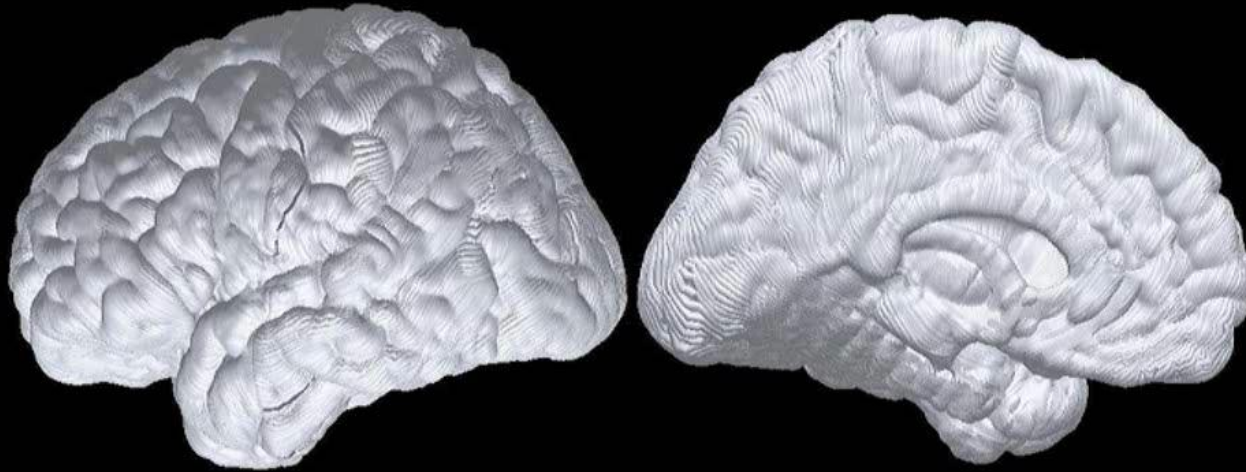
clinical AD



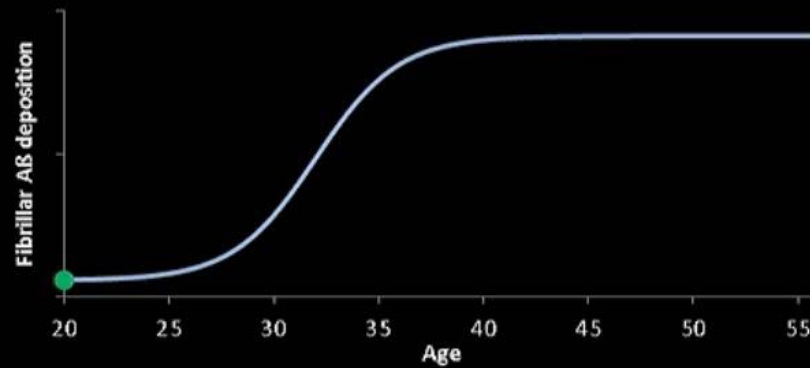


25 years before kindred's median age at clinical onset
mutation carriers, healthy

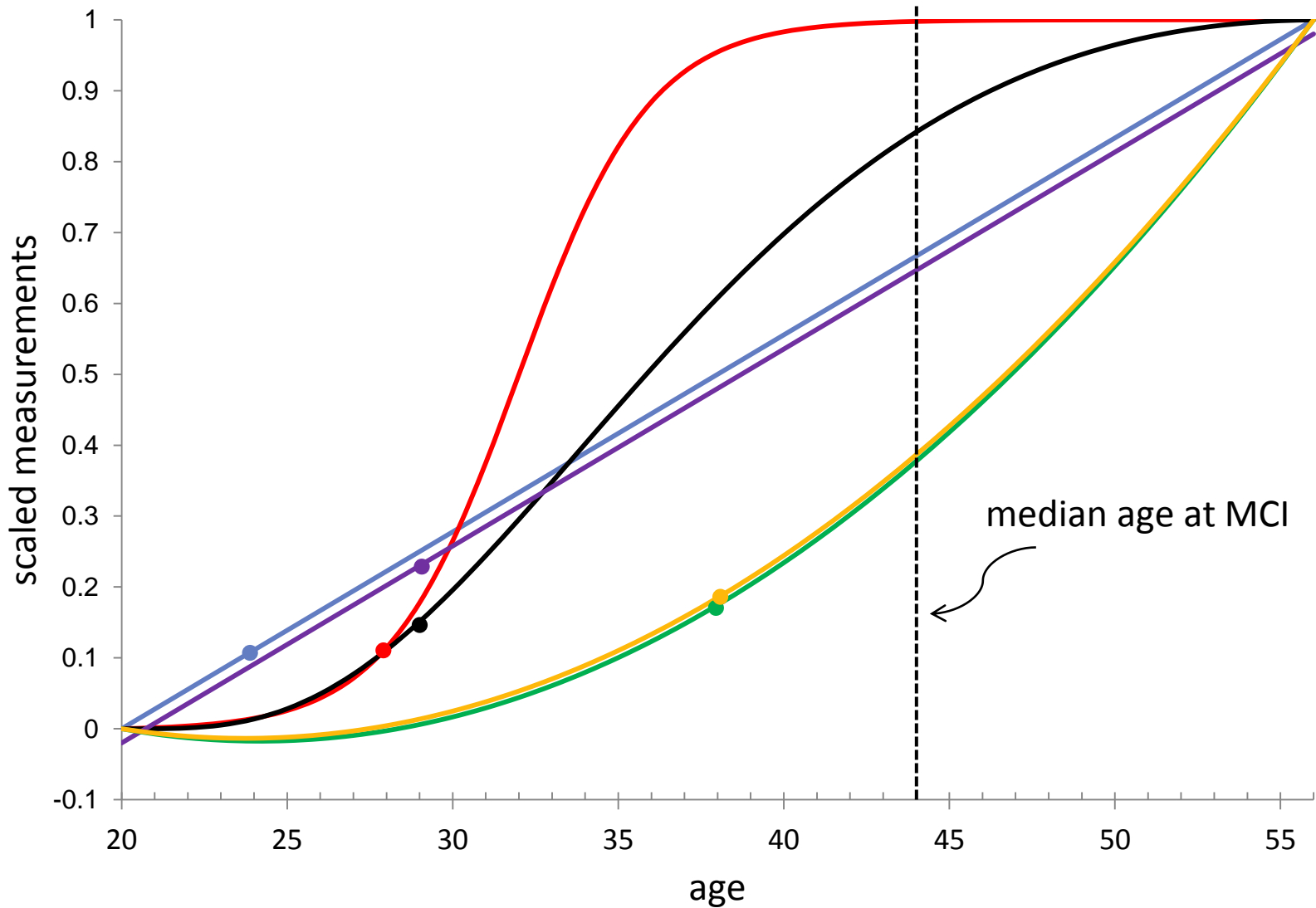




25 years before kindred's median age at clinical onset
mutation carriers, healthy



relationships between AD measures & age in *PSEN1 E280A* mutation carriers



catch-22



ALZHEIMER'S
PREVENTION
INITIATIVE

Reiman et al, *Biomarkers Med* 2010; Reiman et al, *J Alzheimers Dis* 2011
Langbaum et al, *Nature Revs Neurol* 2013

working together

meaningful endpoints

embedding biomarkers

harmonization

sharing trial data & samples

registries

charting new territory

our patients & families



New York Times, with permission



acknowledgements

Partners

Pierre Tariot, Jessica Langbaum & our Genentech & Novartis colleagues
our other colleagues, collaborators, advisors & supporters
our valued research participants

National Institute on Aging

RF1 AG041705, UF1 AG046150, R01 AG031581, P30 AG19610 & FNIH/AMP pending

Industry

Genentech, Novartis & Avid/Eli Lilly

Foundations

Banner Alzheimer's Foundation, Anonymous Foundation, Nomis Foundation,
Flinn Foundation, Forget Me Not Initiative, Geoffrey Beene Foundation & others pending

Colciencias

1115-408-20512 & 1115-408-20543

State of Arizona

Arizona Alzheimer's Consortium