

developing treatments for the aging brain: lessons from the Alzheimer's Prevention Initiative

Eric M. Reiman, MD · Banner Alzheimer's Institute & Banner Research
Translational Genomics Research Institute · University of Arizona · Arizona Alzheimer's Consortium

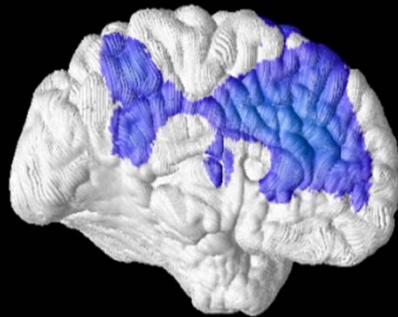
the problem

biomarkers could help

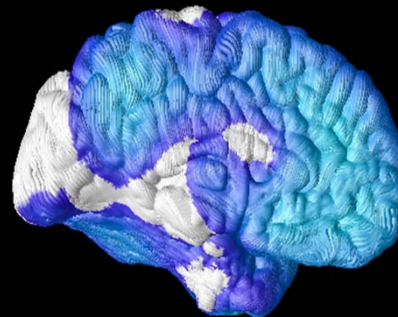
no APOE4 genes



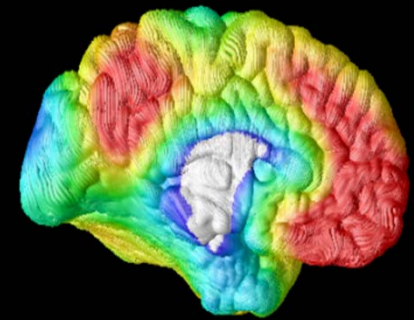
1 APOE4 gene

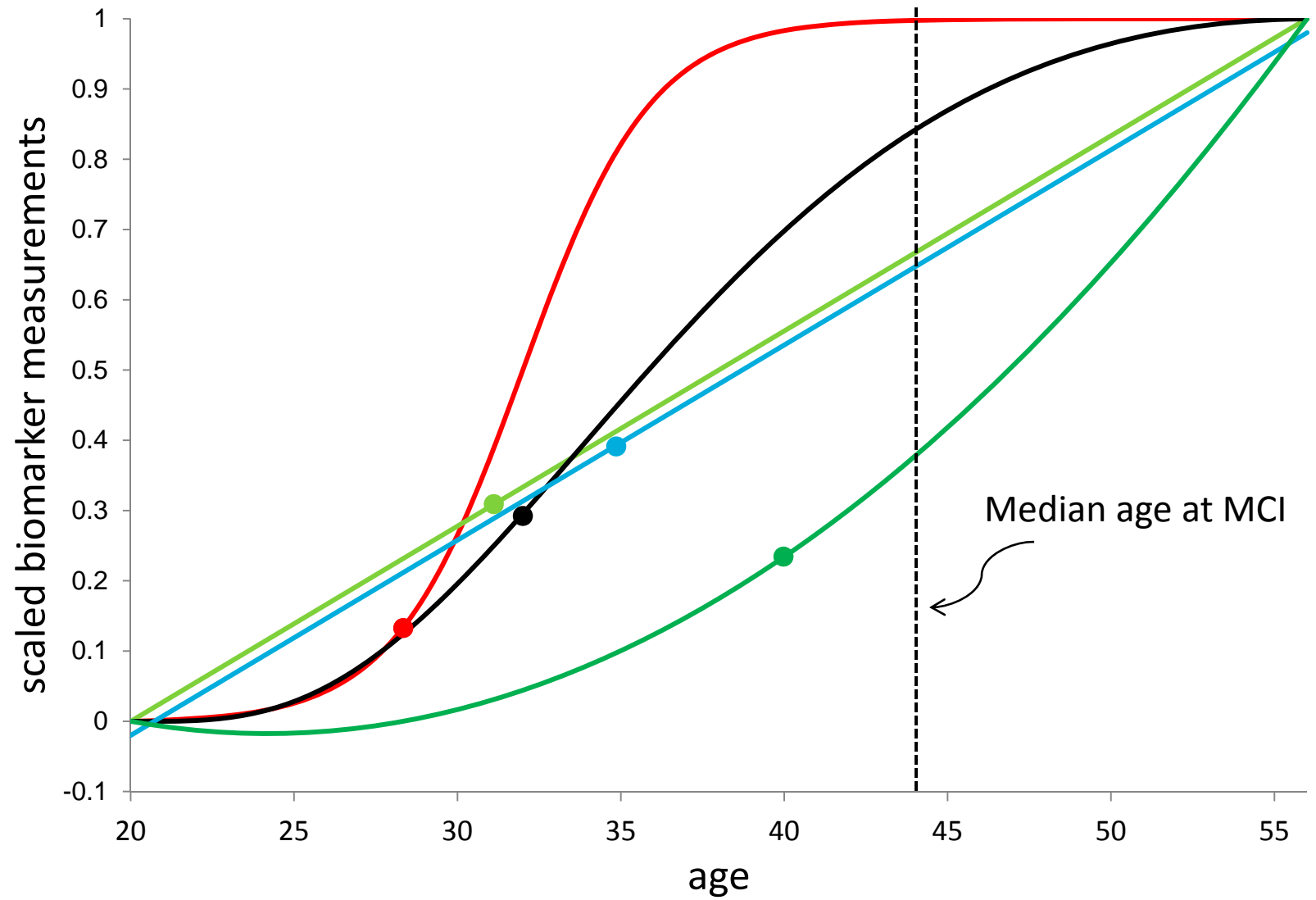


2 APOE4 genes

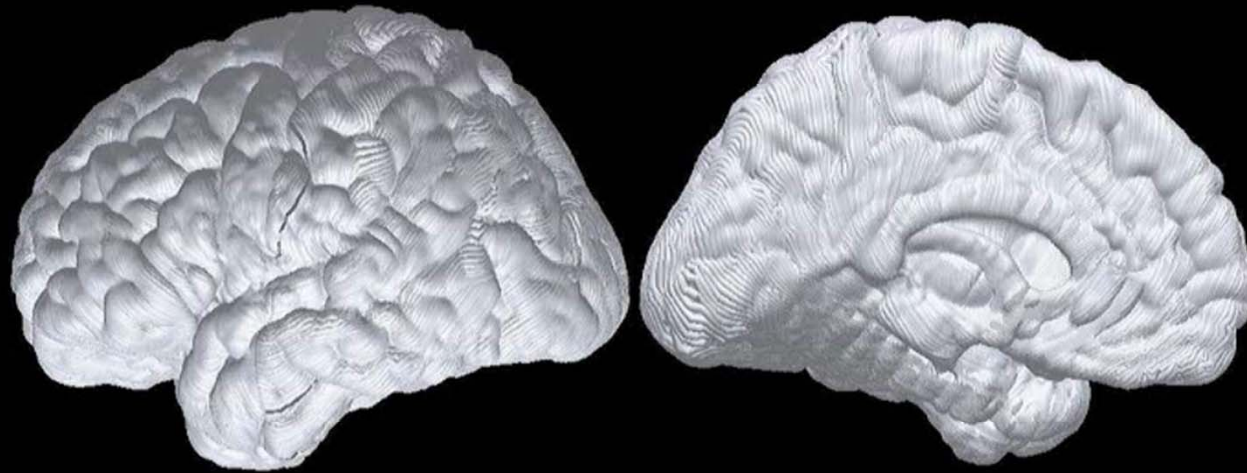


clinical AD

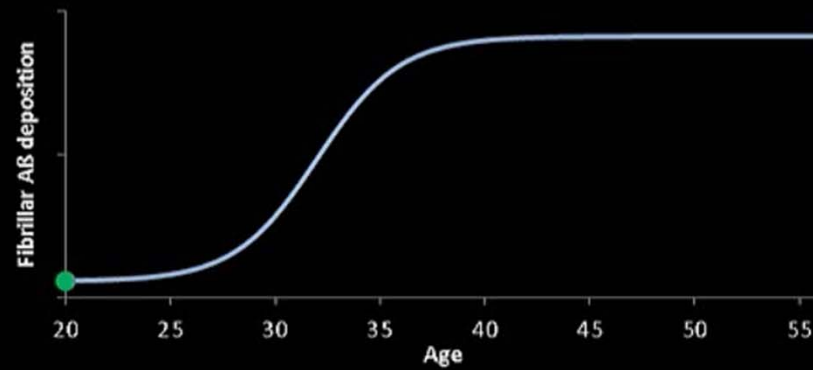




Fleisher et al, *Lancet Neurol* 2012; *AAIC abstr* 2013



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



Fleisher et al, *Lancet Neurol* 2012

but...



ALZHEIMER'S
PREVENTION
INITIATIVE

lessons

make the case

set the stage

establish the endpoints

work together

lower hanging fruit

timing & luck

patience, persistence & proactivity