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## Dr. Randall J. Bateman – Disclosure

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<u>DIAN-TU Pharma Consortium</u>: Active: Biogen, Eisai, Eli Lilly & Co., Janssen, Roche/Genentech. *Previous: AbbVie, Amgen, AstraZeneca, Forum, Mithridion, Novartis, Pfizer, Sanofi, United Neuroscience* <u>DIAN-TU Trial Companies</u>: Eli Lilly and Co., Roche, Janssen, Eisai,

Invited Speaker (12 months): Editorial Board: Alzheimer's a

<u>Editorial Board</u>: Alzheimer's and Dementia, Alzheimer's Research and Therapy, The Journal of Prevention of Alzheimer's Disease <u>Consulting Relationships (12 months)</u>: Roche – GSMs for Autosomal Dominant AD Committee (unpaid)

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Companies:

- Dr. Randall J. Bateman co-founded C2N Diagnostics and receives income from C2N Diagnostics for serving on the scientific advisory board. Washington University has equity ownership interest in C2N Diagnostics.
  - Dr. Bateman is an inventor of the stable isotope labeling kinetics, blood plasma assay, methods of diagnosing AD with phosphorylation changes, neurofilament light chain assays and materials, and newer tau assays technologies licensed by Washington University to C2N Diagnostics. Through these relationships, Washington University, Dr. Bateman is entitled to receive royalties and/or equity from the license agreement with C2N.
     C2N Diagnostics will be analyzing samples from the Knight Family DIAN-TU-001 trial of E2814 for primary, secondary, and exploratory
  - endpoints. Should the DIAN-TU trials impact the value of C2N Diagnostics, Washington University (WU) and Dr. Randall Bateman could directly benefit.

## Identification of patients who would benefit from anti-amyloid therapy

- Questions remain about the magnitude of benefit of anti-amyloid therapy on the following groups:
  - Stage of disease
  - Women
  - APOE ε4 homozygotes
  - Racial and ethnic minority groups
  - People with mixed pathologies
  - People with a variety of comorbid diseases and conditions
    - E.g., superficial siderosis, macrohemorrhages, >5 microhemorrhages
  - People with cognitive decline and evidence of amyloid deposition in brain, but who were not eligible for clinical trials
    - E.g., Down syndrome, very early onset Alzheimer's disease, familial autosomal dominant Alzheimer's disease caused by mutations, etc.





## Management of patients on DMTs – how to optimize benefits?

## • How to manage patients treated with anti-amyloid therapy over time

- Optimal dose
- Optimal duration
- Stage of disease and disease progression while on treatment
- · Effects of multiple co-morbidities and medications
- Biomarker testing after a certain duration on treatment
  Should blood/CSF/PET be repeated? If so, when?
- What about people who participated in clinical trials of DMTs and then are prescribed DMTs in the clinic?
- Switching medications serial or concurrent treatments?

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