

Dr. Randall J. Bateman - Disclosure

Sources of Research Support:

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

DIAN-TU Trial Companies: Eli Lilly and Co., Roche, Janssen, Avid Radiopharmaceuticals

Invited Speaker (12 months): Roche, Novartis, USC Editorial Board: Alzheimer's and Dementia, Alzheimer's Research and Therapy, The Journal of Prevention of Alzheimer's Disease Consulting Relationships (12 months): AC Immune, Eisai, Roche

Companies:

- Drs. Randall J. Bateman and David M. Holtzman are co-founders of C2N Diagnostics. Washington University has equity ownership interest in C2N Diagnostics.
 Dr. Bateman, Dr. Holtzman, and Dr. Kwasi Mawuenyega are co-inventors of the stable isotope labeling kinetics and blood plasma assay technology licensed by Washington University to C2N Diagnostics. Through these relationships, Washington University, Drs. Bateman, Holtzman, and Mawuenyega are entitled to receive royalties and/or equity from the license agreement with C2N. Drs. Bateman and Holtzman receive income from C2N Diagnostics for serving on the scientific advisory board.
- Dr. Holtzman is an inventor on a patent licensed by Washington University to C2N Diagnostics on the therapeutic use of anti-tau antibodies. C2N has licensed certain anti-tau antibodies to AbbVie for therapeutic development. Washington University and Dr. Holtzman are entitled to royalties from the sale and distribution of the licensed and sublicensed anti-tau antibodies.
- Dr. Holtzman is an inventor on patents for one of the treatments (solanezumab), currently being tested in the DIAN clinical trials. If solanezumab is approved as a treatment for Alzheimer's disease or Dominantly Inherited Alzheimer's Disease, Washington University and Dr. Holtzman will receive part of the net sales of solanezumab from Eli Lilly, which has licensed the patents related to solanezumab from Washington University.

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NAPA 2025 Goals – 10 year anniversary

- Prevent and effectively treat Alzheimer's disease by 2025
- Optimize care quality and efficiency
- Expand supports for people with Alzheimer's disease and their families
- Enhance public awareness and engagement
- Track progress and drive improvement













How do we accelerate delivery of scientific advancements to patients sooner and impactfully?

- Discoveries are accelerating due to increased investments from all stakeholders.
- <u>Unprecedented breakthroughs</u>: Alzheimer's disease can now be accurately diagnosed at an early stage, predicted with biomarkers and imaging, and drugs can reverse and normalize some Alzheimer's disease pathology.
- There are <u>limitations</u> in the speed and scale at which these discoveries can be delivered to patients, families, and medical systems, and <u>opportunities</u> to improve processes to deliver on the promise of effective preventions and treatments of Alzheimer's disease by 2025.

NAPA Advisory Council Research Subcommittee draft recommendations

- 1. A major area of emphasis by all federal agencies involved in the National Plan should be to increase synergies and translation across research, clinical practice, and implementation of care for diagnostic, treatment, and care paradigms that could improve patient outcomes. Stakeholders should <u>design and implement pipelines for faster translation</u> of research findings to clinical care, accounting for the entire continuum from research studies through regulatory review and approval, payer review and approval, and delivery of improved diagnosis and care.
- 2. A top priority remains the urgent need for Congress to continue to increase annual federal research and implementation science funding sufficient to meet these goals across biomedical, clinical, LTSS, and public health settings.
- 3. Representation and diversity in clinical trials should continue to be increased to address health equity and representation in research.
- 4. Research into implementation of dementia care to provide best care models should continue to be increased.
- 5. An understudied area that should be prioritized is the impact of stigma on health-seeking behaviors to improve access to health services.
- 6. A cross-cutting recommendation across all NAPA subcommittees is to increase research into neurological effects of Covid-19 and development of emergency preparedness programs.
- 7. Research into causes and relationships between delirium (including Covid delirium) and dementia should be increased, with a focus on how to reduce delirium risk.