THE UNIVERSITY OF WASHINGTON
ALZHEIMER'S DISEASE RESEARCH CENTER

ADRC Seminar Series: Monday, March 14, 2022

Dr. Don Elbert, Ph.D.

Associate Professor of Neurology
Clinical Associate Professor of Biomedical Engineering
University of Texas at Austin

Age and Alzheimer's disease-related changes in the kinetics of CSF-based, blood-brain barrier and proteolytic Aβ clearance in humans

About the Speaker

Dr. Elbert received a B.S. in Chemical Engineering from the University of Notre Dame and a Ph.D. in Chemical Engineering from the University of Texas at Austin. He completed postdoctoral training at the University of Zurich/ETH. His research focuses on the kinetics of production, transport, aggregation, and degradation of proteins important in neurodegeneration (including Ab, tau, NfL, SOD, and huntingtin).

Dr. Elbert works collaboratively with researchers collecting kinetic data on these protein in studies ranging from cell culture models to humans. He is currently developing mathematical models to discern the relative roles of CSF-based clearance, blood-brain barrier clearance, and proteolysis as a function of age and amyloidosis, including the effect of sleep on these processes. The work has been funded by NIH, BrightFocus Foundation and DIAN-TU.

March 14, 2022
12pm - 1pm PT

Zoom information:

https://washington.zoom.us/j/96265662902?pwd=RVQ3L29YNWtUbGFvUUtYbDhlK0tGZz09

Meeting ID: 962 6566 2902

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