Arizona Alzheimer’s Consortium
23rd Annual Conference – Thursday September 22nd, 2022
Arizona State University (Host Institution)
Memorial Union
301 E Orange St., Tempe, AZ 85281

8:15 – 9:30 AM  POSTER PRESENTATION SET-UP & CONTINENTAL BREAKFAST

9:30 – 9:40AM  WELCOME
Matthew Hulver PhD, Vice President & Professor, ASU Knowledge Enterprise and Vice President & Professor, College of Health Solutions
Dr. Hulver is responsible for identifying and deploying strategies to grow and diversify ASU’s research enterprise.

9:40 – 10:00AM  INTRODUCTION
Eric M. Reiman, M.D.
CEO, Banner Research
Director, Arizona Alzheimer’s Consortium

10:00 – 11:15AM  LEON THAL MEMORIAL LECTURE
New Discoveries in the Preclinical Phase of Alzheimer’s Disease: Findings from the Wisconsin Registry for Alzheimer’s Prevention
Sterling Johnson, PhD
Jean R. Finley Professor of Geriatrics and Dementia
Principal Investigator for the WRAP Study
Associate Director, Wisconsin Alzheimer Disease Research Center
University of Wisconsin School of Medicine and Public Health

11:15 – 12:30PM  ORAL RESEARCH PRESENTATIONS – SESSION I

12:30 PM  Students Group Photo – Arizona Ballroom

12:30 – 1:45PM  POSTER SESSION I & LUNCH

1:45 – 3:00PM  POSTER SESSION II & LUNCH

3:00 – 4:15PM  ORAL RESEARCH PRESENTATIONS – SESSION II

4:15 – 4:30PM  CLOSING REMARKS
Eric M. Reiman, M.D.
SESSION I  Moderators: Heather Bimonte-Nelson, PhD & Zaven Khachaturian, PhD

11:15 – 11:26 AM  Initial findings from the Alzheimer's Prevention Initiative Autosomal Dominant Alzheimer’s Disease Colombia Trial.  
Jessica Langbaum, PhD — Banner Alzheimer’s Institute.

Fang Yu, PhD, RN, GNP-BC, FGSA, FAAN — Arizona State University.

Chase Irwin, MS — University of Arizona – College of Medicine-Phoenix.

Georgina Torrandell-Haro — University of Arizona.

12:03 – 12:14 PM  Heparin treatment is associated with a delayed diagnosis of Alzheimer's dementia in electronic health records from two large United States health systems.  
Benjamin Readhead, MBBS — Arizona State University.

12:15 – 12:26 PM  Cerebral microvascular dysfunction in 5x-FAD mice: role of biological sex, BK channel activity and oxidative stress.  
Josiane Fernandes da Silva, PhD — University of Arizona.
<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>3:00 – 3:11 PM</td>
<td>Deep learning application in retinal imaging classification of Alzheimer's disease.</td>
<td>Oana M. Dumitrascu, MD, MSc — Mayo Clinic Arizona.</td>
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<td>3:12 – 3:23 PM</td>
<td>Longitudinal motor decline in Dementia with Lewy Bodies and Parkinson’s Disease Dementia in the Arizona Study of Aging and Neurodegenerative Disease.</td>
<td>Parichita Choudhury, MD, MSc — Banner Sun Health Research Institute.</td>
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<td>3:48 – 3:59 PM</td>
<td>Florbetapir PET Measurements of amyloid plaques deposition are more closely correlated with cross-sectional and longitudinal cognitive and clinical measurements using a white matter reference region-of-interest.</td>
<td>Vedanshi Bhargava — University of Arizona College of Medicine-Phoenix.</td>
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<td>4:00 – 4:11 PM</td>
<td>Head-to-head comparison of four plasma phospho-tau immunoassays in the neuropathological diagnosis of Alzheimer’s disease.</td>
<td>Michael Malek-Ahmadi, PhD, MSPH — Banner Alzheimer’s Institute.</td>
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