



KLOTHO

and Resilience to Synaptic Dysfunction in Preclinical AD

The purpose of the KLOTHO and Resilience to Synaptic Dysfunction in Preclinical AD (KLOTHO) Study is to obtain information about synapse health in the brain. The synapse, located at the end of a neuron (brain cell), is the point at which a communication signal passes between neurons. We want to better understand how synaptic health relates to cognitive function and Alzheimer's disease pathology, and how the KLOTHO gene potentially favorably modifies these relationships.

Study Activities:

- Vitals (such as blood pressure, height, weight, etc.)
- Blood draw
- MRI scan
- PET scan (to measure synapses)
- Lumbar puncture to collect spinal fluid
- Cognitive tests (if you did not already have them through one of our other studies)

Eligibility:

- Age 45+
- Be in good health
- Able to undergo MRI brain scan, PET imaging, and lumbar puncture
- Not currently diagnosed a memory disorder
- No current alcohol/substance abuse
- Have 6-8 hours of time over 1-2 days for an initial and follow up visit (2 years apart)

More Information:



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Compensation up to \$275



**Wisconsin Alzheimer's
Disease Research Center**

UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH



**Wisconsin Registry
for Alzheimer's Prevention**

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