

RESEARCH STUDY OPPORTUNITY FOR ADULTS WITH DOWN SYNDROME

Researchers at the University of California, Irvine under the direction of Dr. Ira T. Lott, are seeking healthy adults with Down syndrome to participate in a research study about brain aging and Alzheimer's disease. People with Down syndrome are at a significantly increased risk to develop Alzheimer disease by age 40 years.

The study, entitled "*Biomarker of Alzheimer's Disease in Adults with Down Syndrome*" will investigate biological factors that may be related to the development of Alzheimer's disease in adults with Down syndrome. These biomarkers are likely to be important for the discovery of future therapies.

Approximately 100 adults with Down syndrome are sought to participate in the study. To be eligible, participants must have Down syndrome (with or without Alzheimer's disease) and be age 40 or older. Study participants will be involved for a total of approximately 3 years of evaluations. During this time, participants along with their caregivers or family members will be asked to attend a total of 6-8 visits lasting 2-8 hours each over the study period.

The study includes:

- Recurring cognitive and neuropsychological tests and questionnaires
- Recurring medical evaluations including research blood tests
- Three MRI scans of the brain
- Two PET scans of the brain (optional)
- Two lumbar punctures for collection of cerebrospinal fluid (optional)

Participants in this study may not receive any direct benefit to participation. Medical evaluations will be available to the participant's physician. This study parallels research in Alzheimer's disease within the general population with a specific focus on Down syndrome.

The evaluations in this study are provided to participants at no cost.

Participants will be compensated up to \$310.

If you know of someone who may be interested in participating, or would like more information about the study, please contact the study coordinator;

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